

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 0317MH-23513C42

In re Application of:

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DANIEL A. HENDERSON

88

Examiner:

Serial No. To Be Assigned

200

Filed: Herewith

200

**For: METHOD AND APPARATUS
FOR IMPROVED PAGING
RECEIVER AND SYSTEM**

卷之三

Art Unit:

PRELIMINARY AMENDMENT

Box: Patent Application

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to examining the subject application, please enter the following amendments and consider the following remarks.

"EXPRESS MAIL" No. EV0111962011S

Date of Deposit: 7 November 2001

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Bv.

Preliminary Amendment
Attorney Docket No. 0317MH-23513C42
Page 1

IN THE CLAIMS:

Please cancel Claims 2-17.

Please add the following new claims:

--18. A paging system, comprising:

a paging service; and

a pager that includes a first database, wherein the paging service sends a page containing an identification of a menu to the pager, the identification being different than the menu and the menu being prestored in the pager, the pager retrieving the menu from the first database based on the identification and displays the menu, wherein the pager responds to the page based on a selection from the displayed menu.

19. The paging system of claim 18, further comprising a second database coupled to the paging service, wherein when the paging service receives a call directed to the pager, the paging system determines the identification based on a caller identification corresponding to the call and information in the second database.

20. The paging system of claim 19, wherein the information in the second database includes:

a first portion that associates the caller identifications with menu identifications; and

a second portion that contains menus, each of the menu identifications corresponding to one of the menus.

21. The paging system of claim 20, wherein menus in the first database correspond to the menus in the second portion of the second database, the menu identifications identifying the same menus in the first database and the second portion of the second database.

22. The paging system of claim 18, wherein the pager displays other menus based

on inputs received through a user interface.

23. The paging system of claim 22, wherein the pager responds to the page based on a selection from the displayed menu.

24. A method for operating a paging system, comprising:

 sending a page from a paging service to a pager, the page containing an identification of a menu, the identification being different than the menu and the menu being prestored in the pager;

 retrieving the menu from a first database of a pager based on the identification;

 displaying the retrieved menu;

 selecting an item from the displayed menu; and

 responding to the page based on the selection of the selecting step.

25. The method of claim 24, further comprising:

 receiving a call directed to the pager; and

 determining the identification based on a caller identification that corresponds to the call and information in a second database coupled to the paging service.

26. The method of claim 25, wherein the information in the second database includes:

 a first portion that associates the caller identifications with menu identifications; and

 a second portion that contains menus, each of the menu identifications corresponding to one of the menus.

27. The method of claim 26, wherein menus in the first database correspond to the menus in the second portion of the second database, the menu identifications identifying the same menus in the first database and the second portion of the second database.

28. The method of claim 24, further comprising displaying other menus based on inputs received through a user interface.
29. The paging system of claim 28, further comprising:
selecting an item from the displayed menu; and
responding to the page based on the selection of the selecting step.--

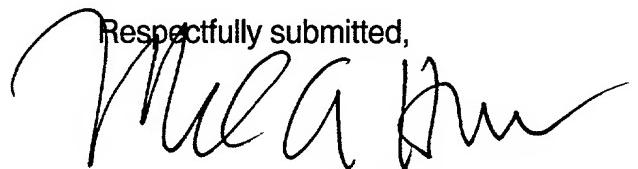
IN THE DRAWINGS:

Please substitute the enclosed drawings for the original drawings. These substitute drawings add no new matter to the application.

REMARKS

Claims 18-29 being added by this amendment are copied from, and identical to, Claims 1-12 of U.S. Patent No. 6,144,839, issued 7 November 2000, to Foladare et al. The claims are supported by the Applicant's specification, and the application has a priority date earlier than U.S. Patent No. 6,144,839.

Enclosed is a check in the amount of \$370.00 for the basic filing fee. If any additional fees are required please charge that fee to Deposit Account No. 50-1060.

Respectfully submitted,


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Fort Worth, Texas 76102
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(817) 332-2114 (Facsimile)

ATTORNEY FOR APPLICANT

08/726024
5,153,579

Sheet 2 of 7

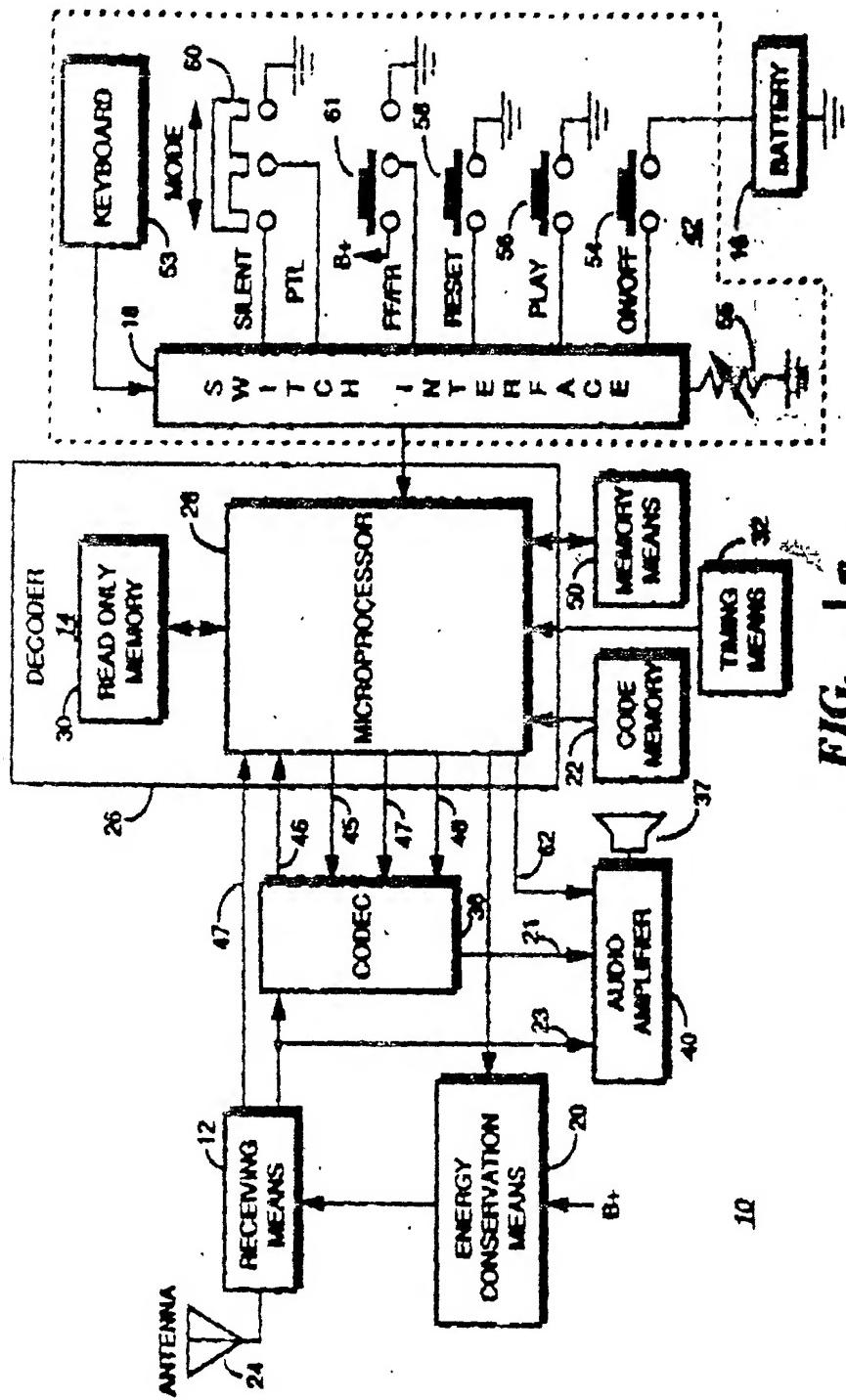


FIG. 1e
PRIOR ART

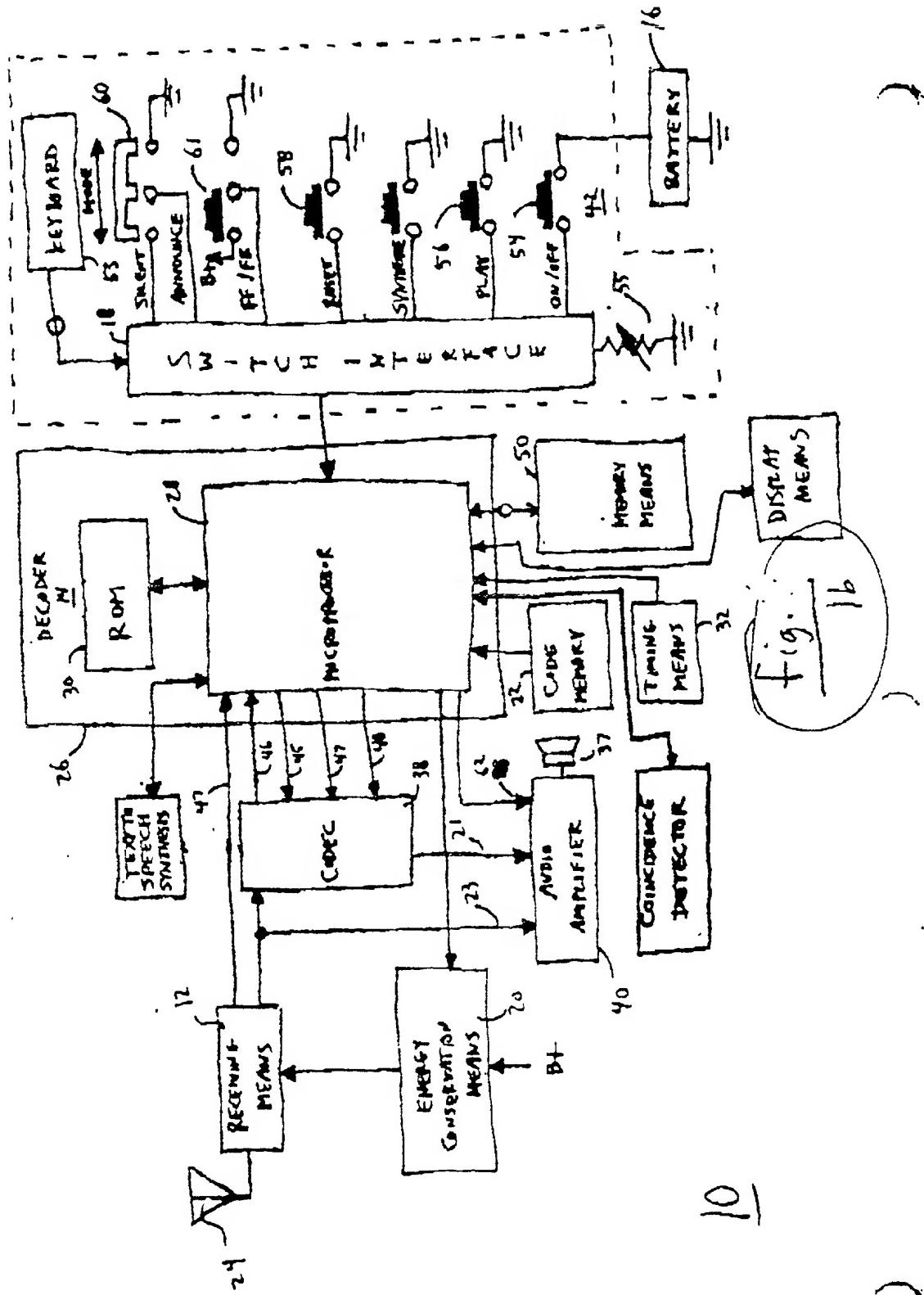
FROM : Panasonic FAX SYSTEM

PHONE NO. :

Mar. 18 1995 05:31PM P3

08/726024

Figure 1
classes +
515355.

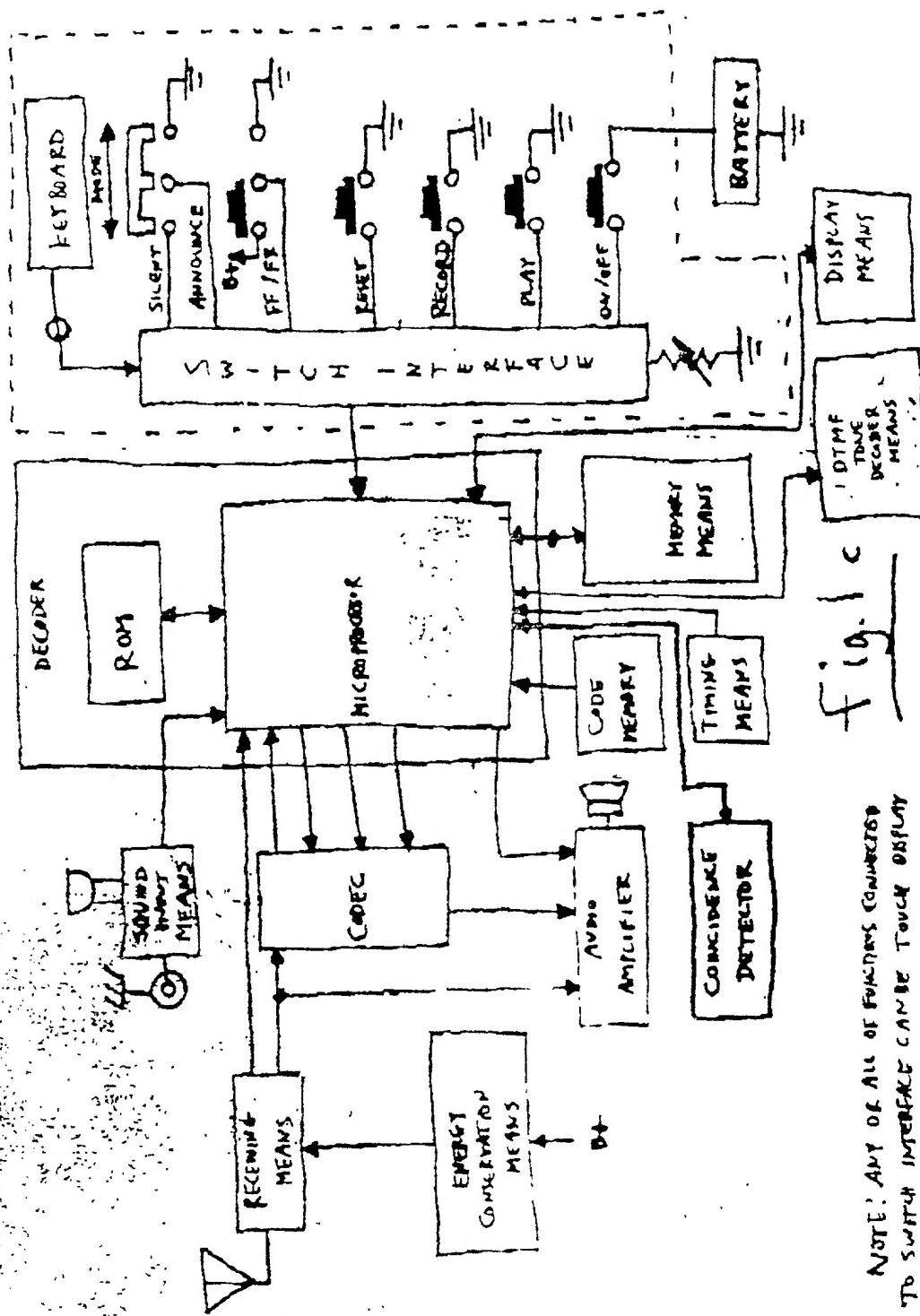


1: Panasonic FAX SYSTEM

PHONE NO. :

08/726024

bLS'ssi's S.A 33S



NOTE: ANY ONE OF FUNCTIONS (CHARACTER)
TO SWITCH INTERFACE CAN BE TOUCH DISPLAY
ACTIVATED.

10

Fig. 1

ROM : Panasonic FAX SYSTEM

PHONE NO. :

Mar. 18 1995 05:36PM P12

08/726024

DH8

AUTO DIALING TYPE PAGING & RECEIVER WITH TEXT TO SPEECH SYNTHESIS

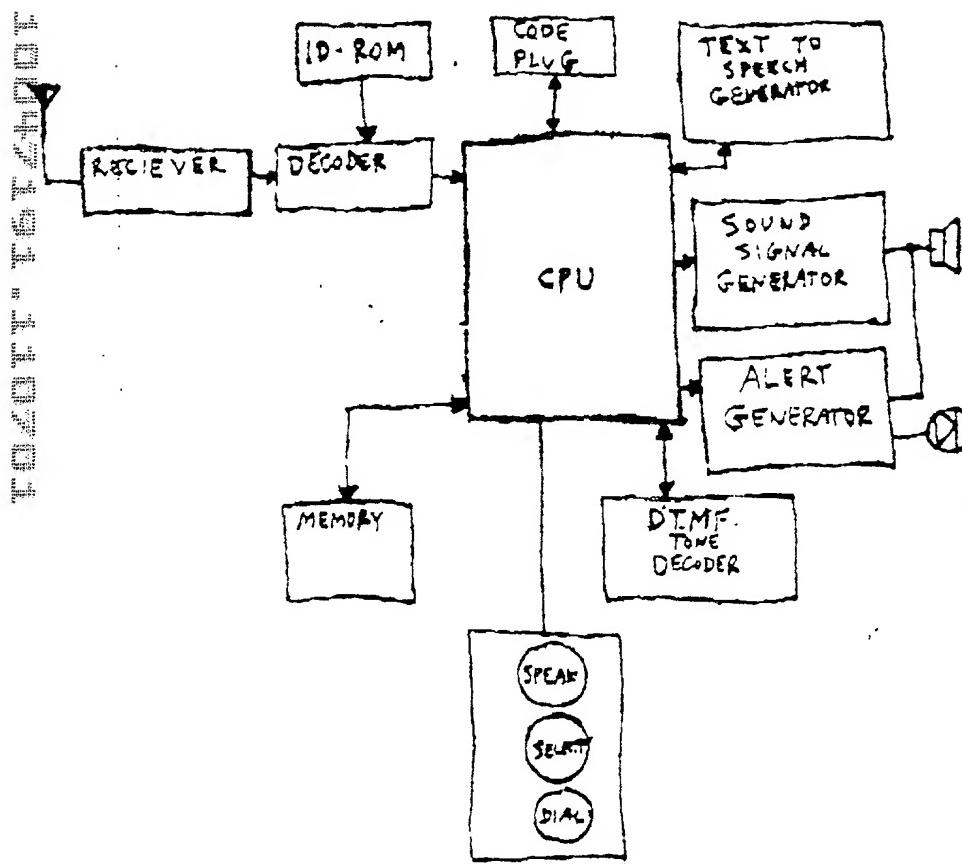


FIG. 1d

DAS)

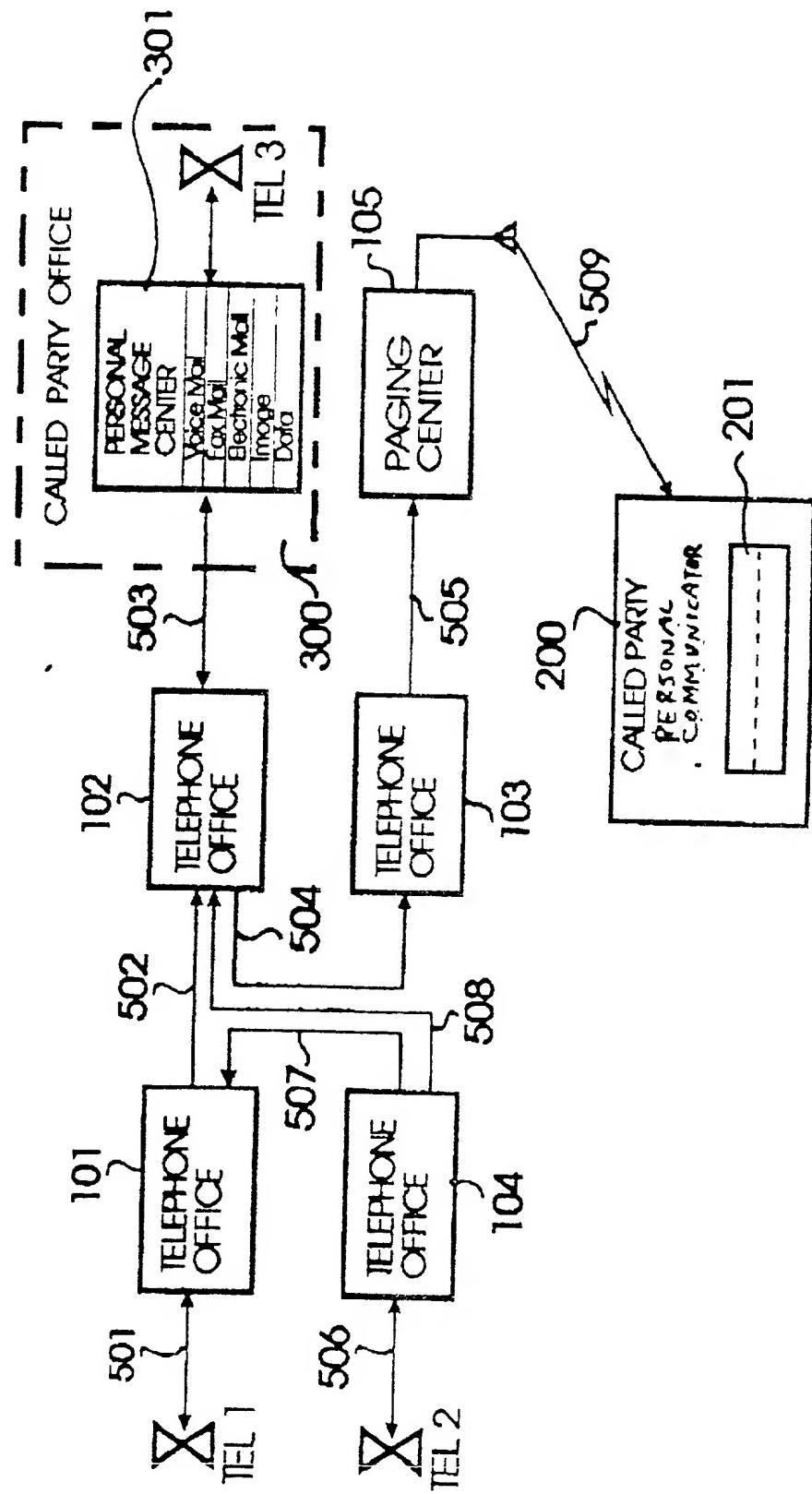


FIG. 2 a

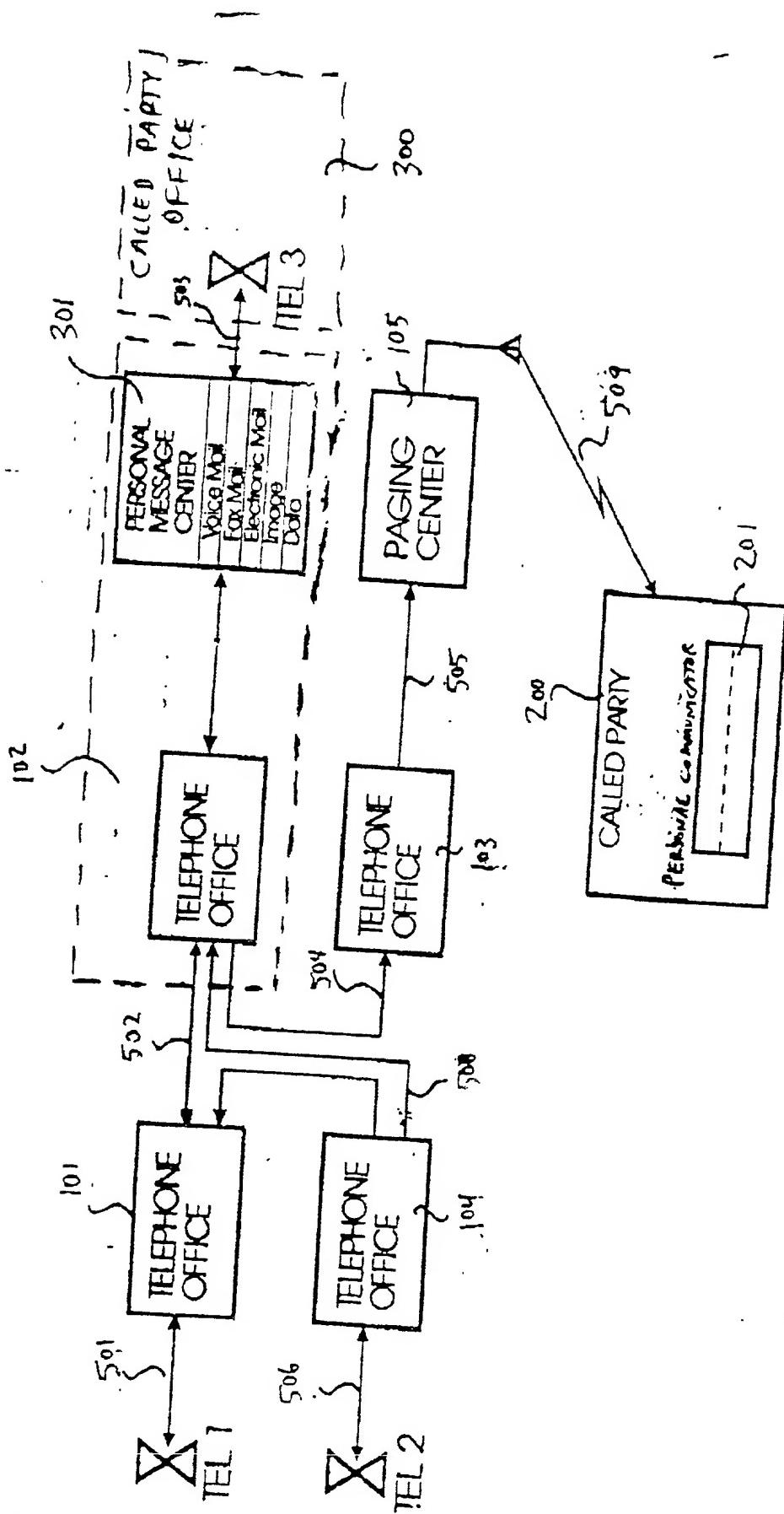
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1415 1414 1413 1412 1411



FIGURE

(1st choice)

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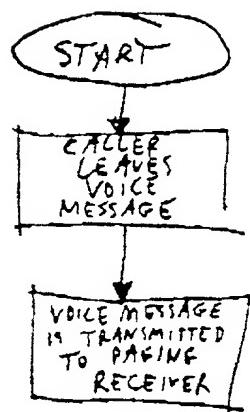


FIG. 3 a (PRIOR ART)

08/726024

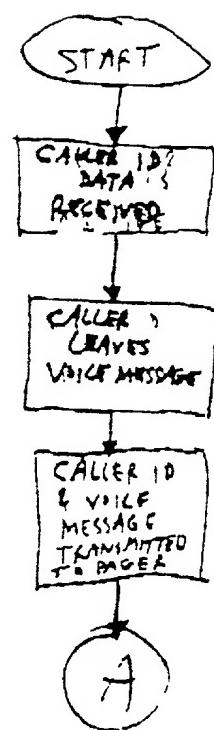


FIG. 36

(8)

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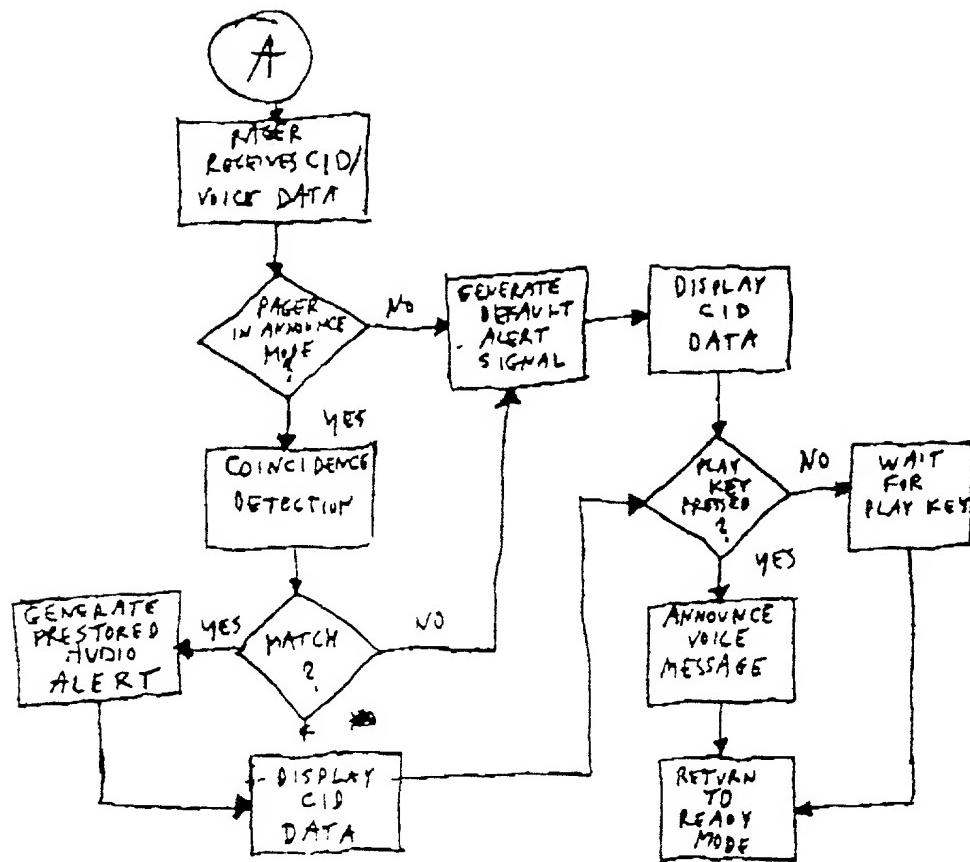


FIG 4a

(9)

08/726024

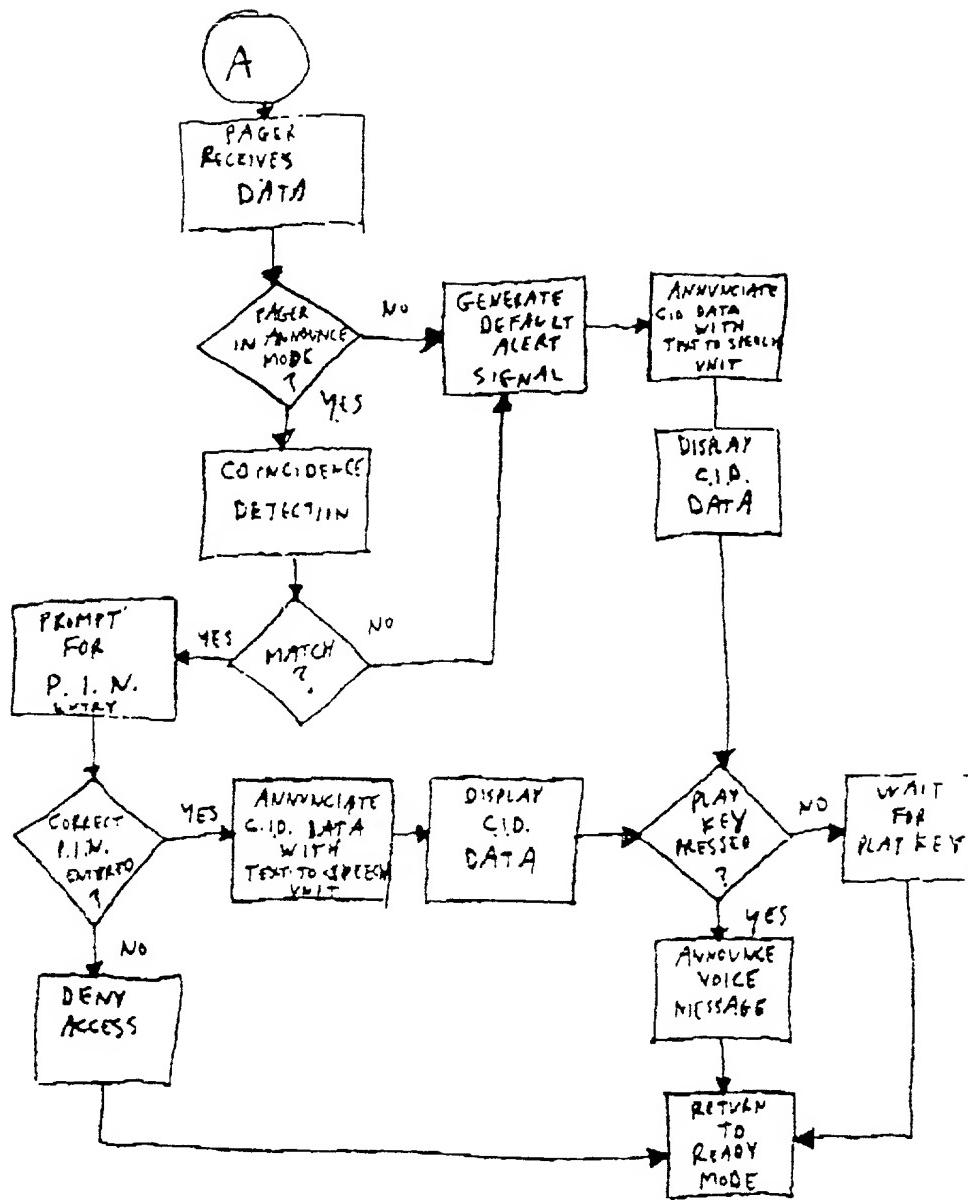
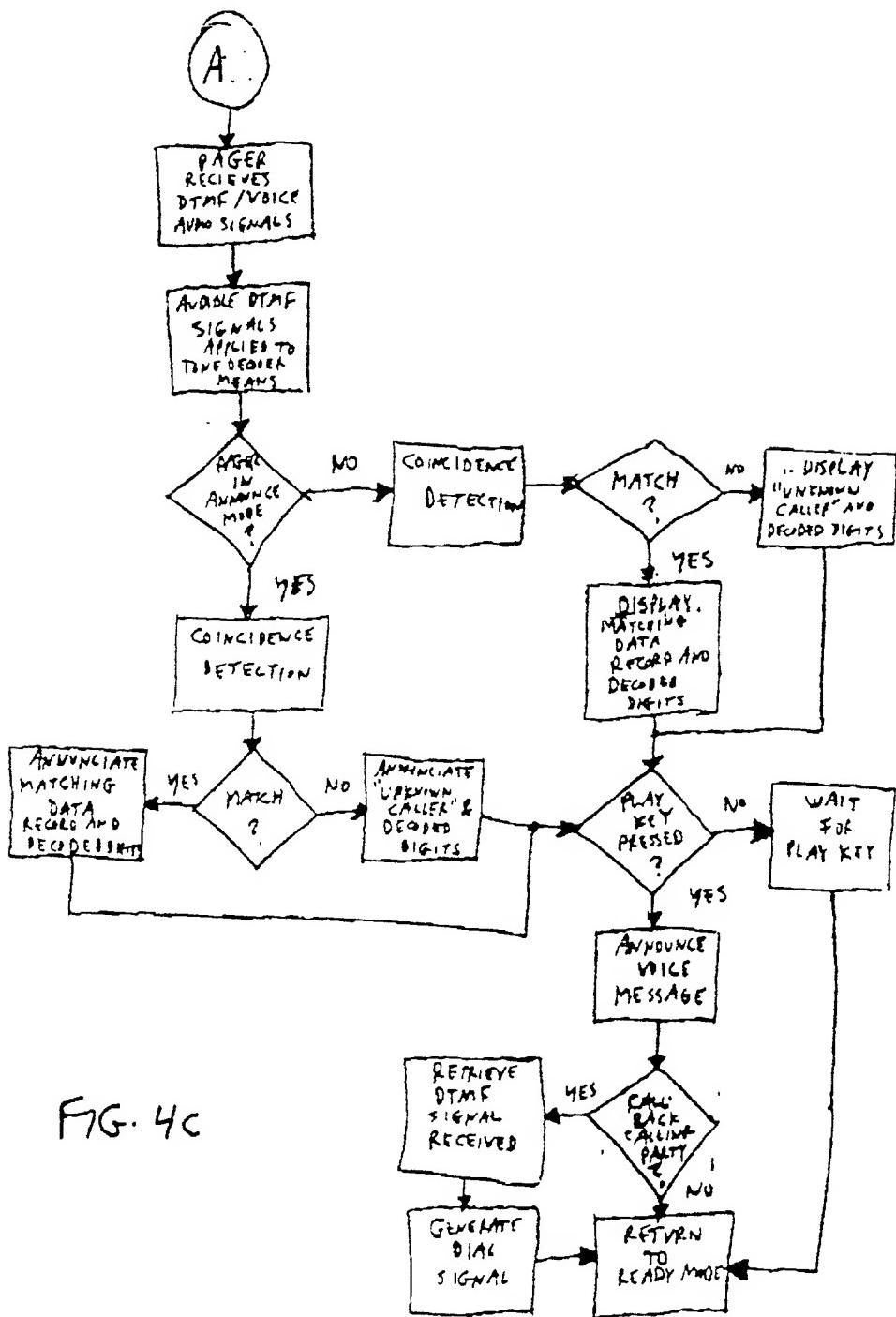


FIG. 4b

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(11)

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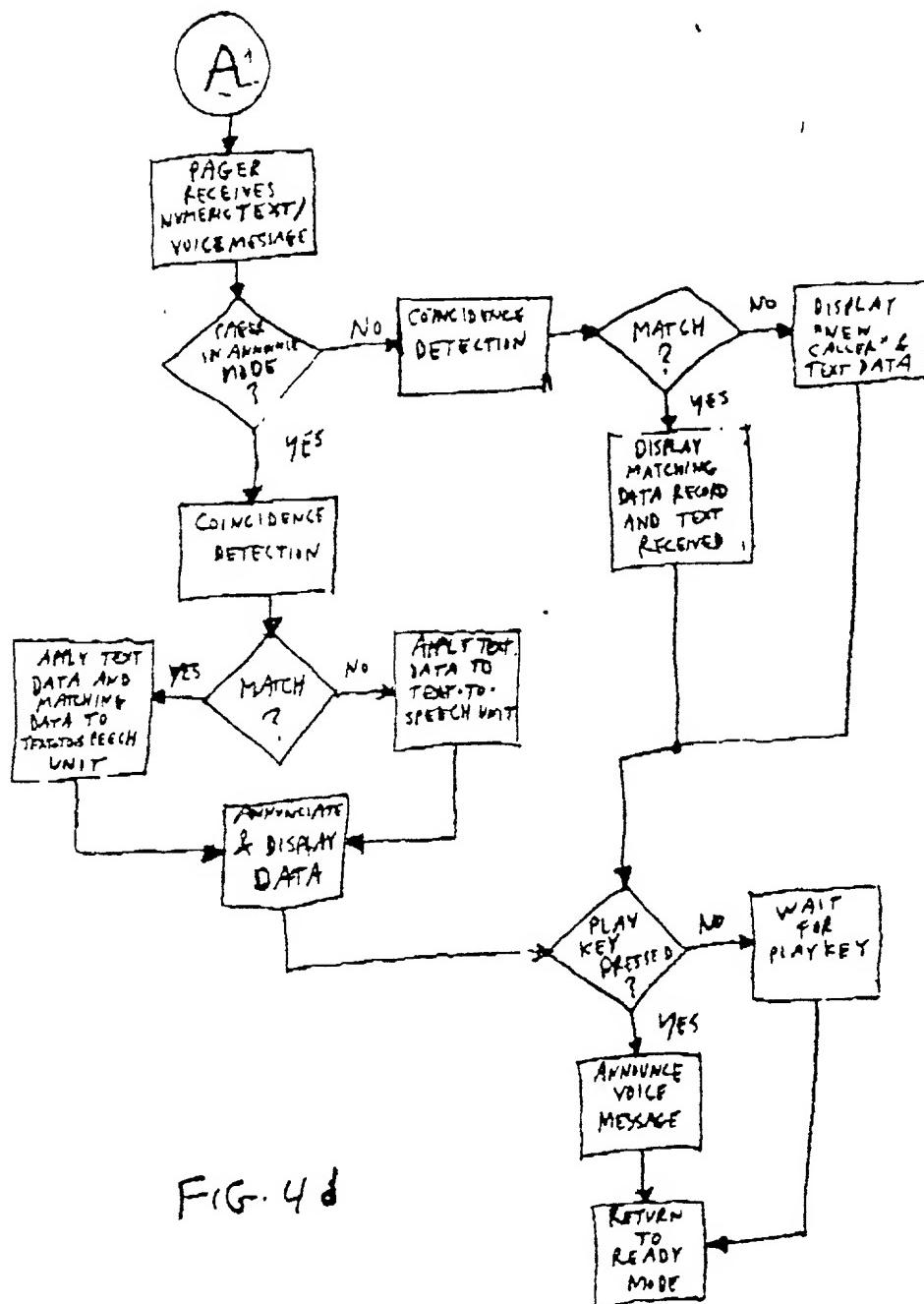


FIG. 4d

10
12

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DH 6

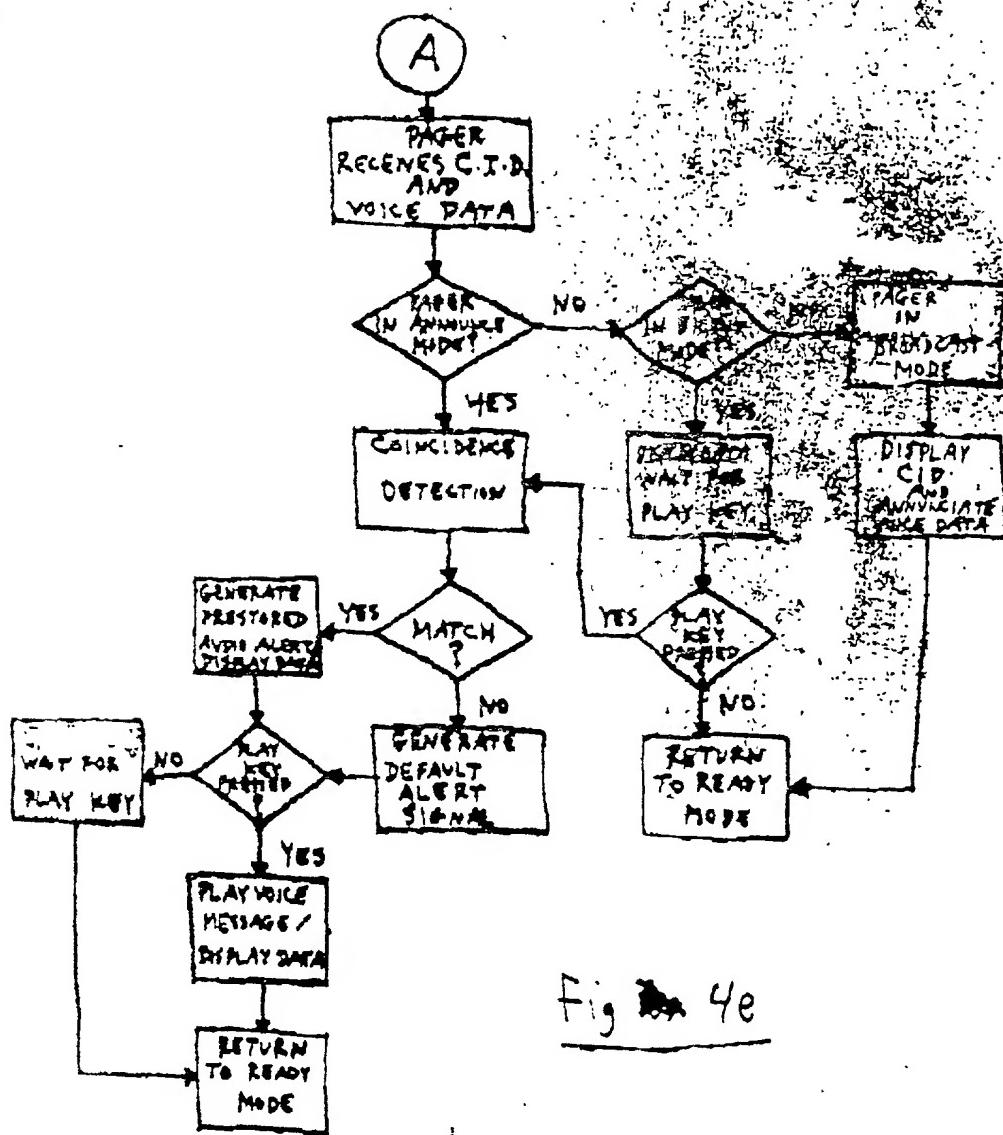


Fig 4e

NOTE: MATCH OF CERTAIN C.I.D DATA MAY CAUSE RESTORED
AUDIO ALERT OF "OFFICE" TO BE TAKEN, OR "WIFE", IF
SOME DOWNLOADED .WAV FILE FROM A P.C.. Certain incoming
messages could require entry of a pin or voice command prior to
being heard for security purposes.

1995/08/29 - 14:53:29

RESTORED MEMORY RECORD	
RECORD 1	
DF KAZUO HASHIMOTO 123 WEST RD. SAN FRANCISCO CA 94151	
(415) - 555-1212 (H)	
(415) - 555-2222 (F)	
(415) - 766-1111 (M)	
	

F16.5a

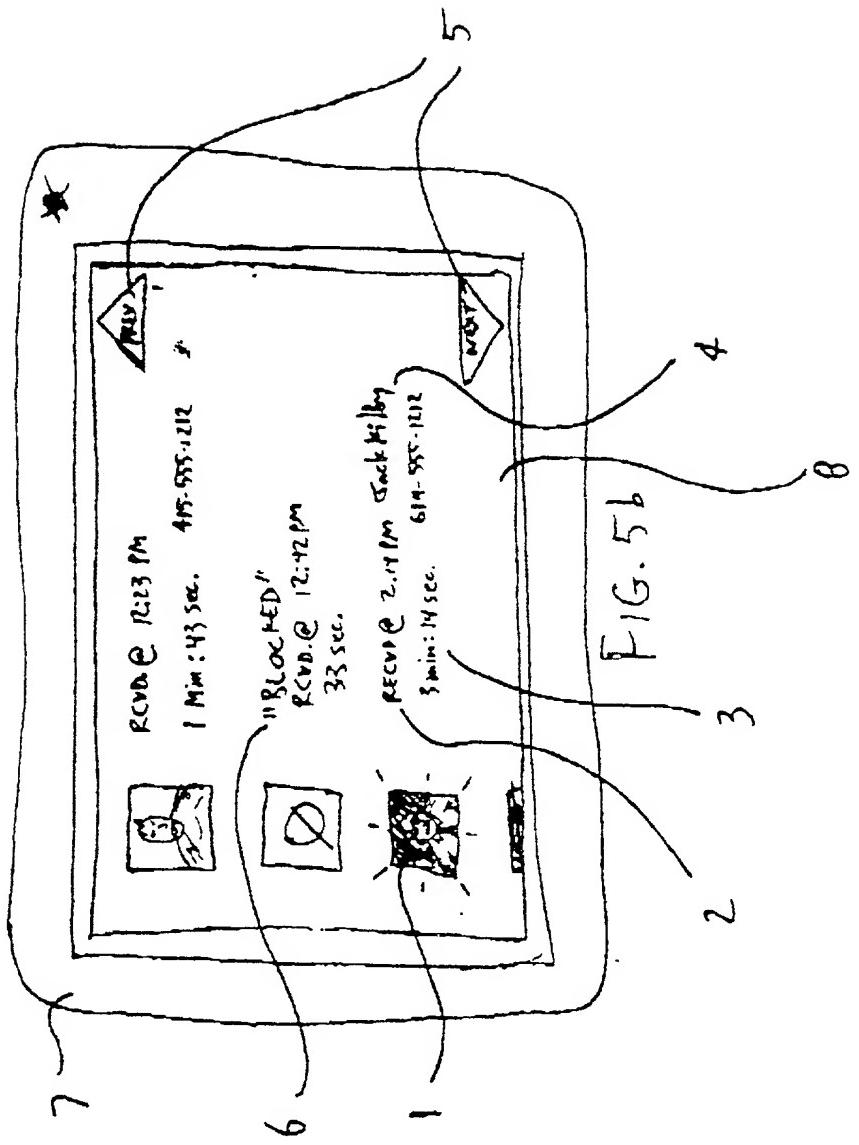
08/29/1995 14:53:29

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1995/08/29 14:53:29 18:45

(10)



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05/29/1995 12:46 1415379

(8)

CALLER ID MEMORY ADDRESS REGISTER			
CALL	CALLING NUMBER	CALLING NAME	TIME/DATE
1	415-555-1212 BLOCKED	Known Hostile Blacked	12:33pm 3/15/93
2	617-555-1212	Tack F/f/b,	12:40pm 3/15/93
3			12:41pm 3/15/93
.			.
.			.
X	617-555-1212	THOMAS UNKNOWN	12:42pm 3/15/93
			Mark Unknown

FIG. 5c

08/726024

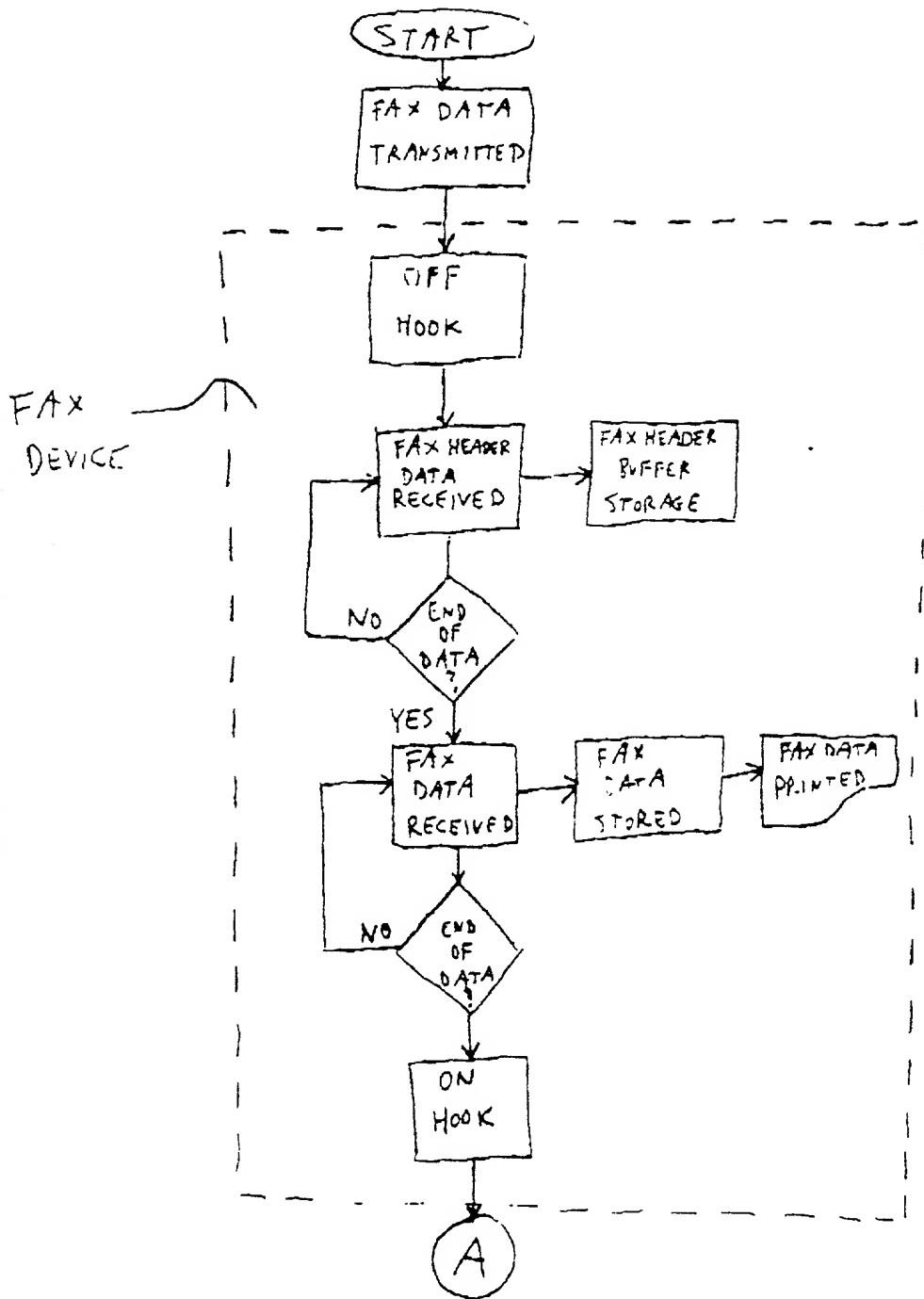
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401555-4255/4256 401-222-1212

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DH 12

Figure 6A



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DH 12

Figure 34

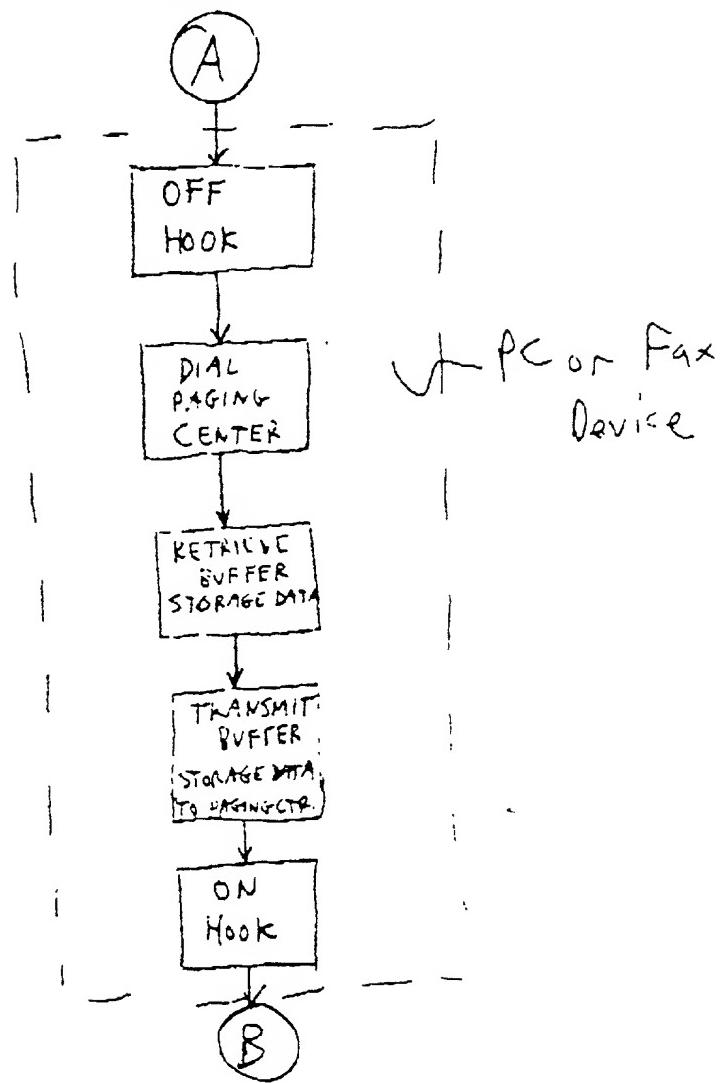
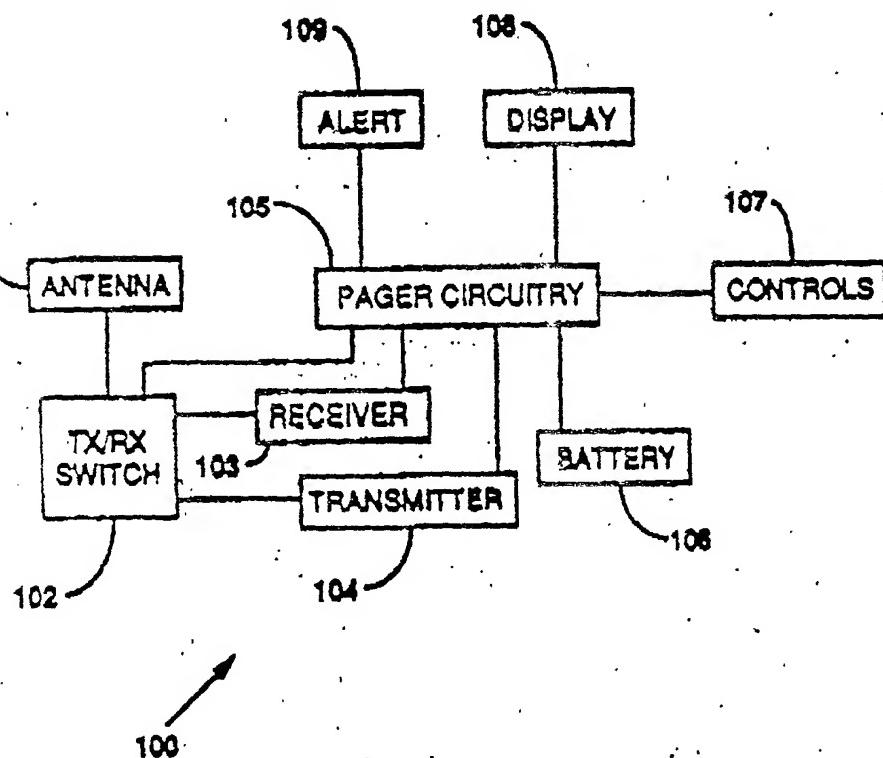


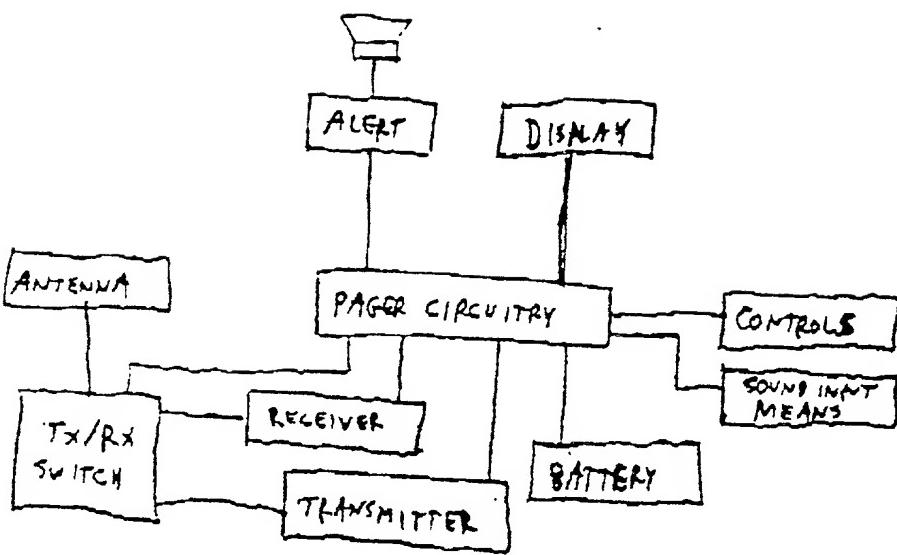
FIG. 1A

TAKEN BY: [REDACTED]



08/726024

FIG. 7b



IMPROVED STORED VOICE
ACK-BACK PAGING RECEIVER

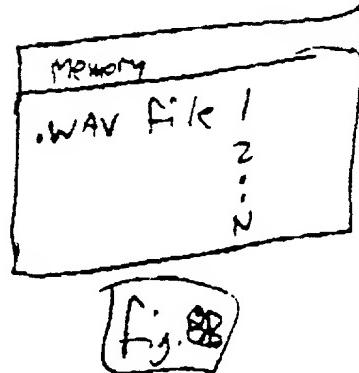
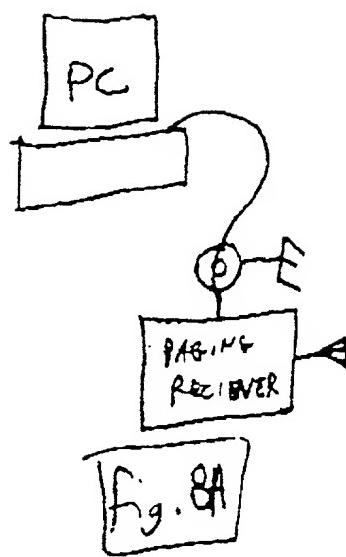
US 5,124,697, 4,811,371, 4,940,863, 4,914,649,
4,875,038 incorporated by reference.

AC

03/29/1995 10:46 14153799109

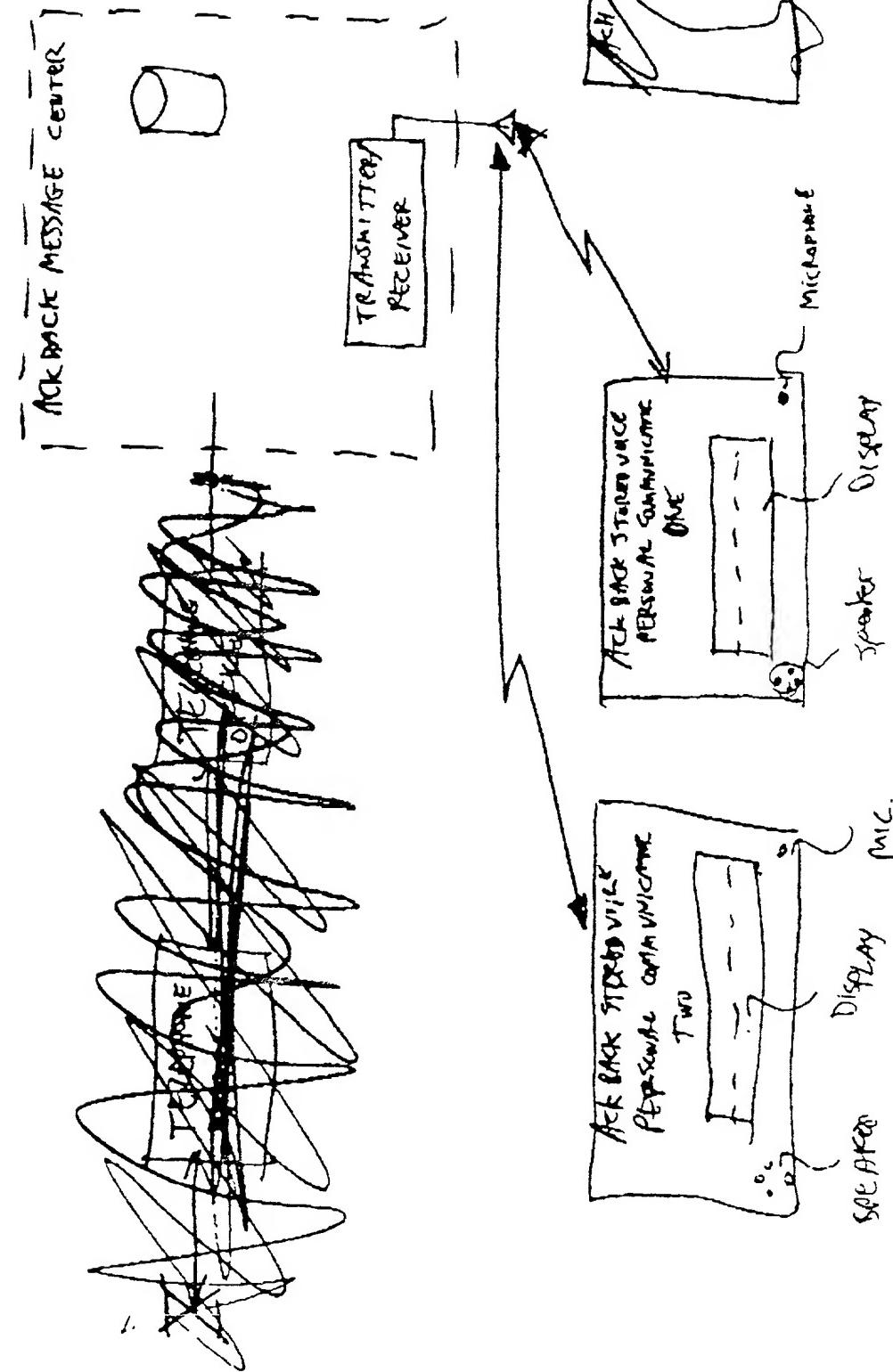
INNOVAD COMPANY

PAGE 14
08/326.924



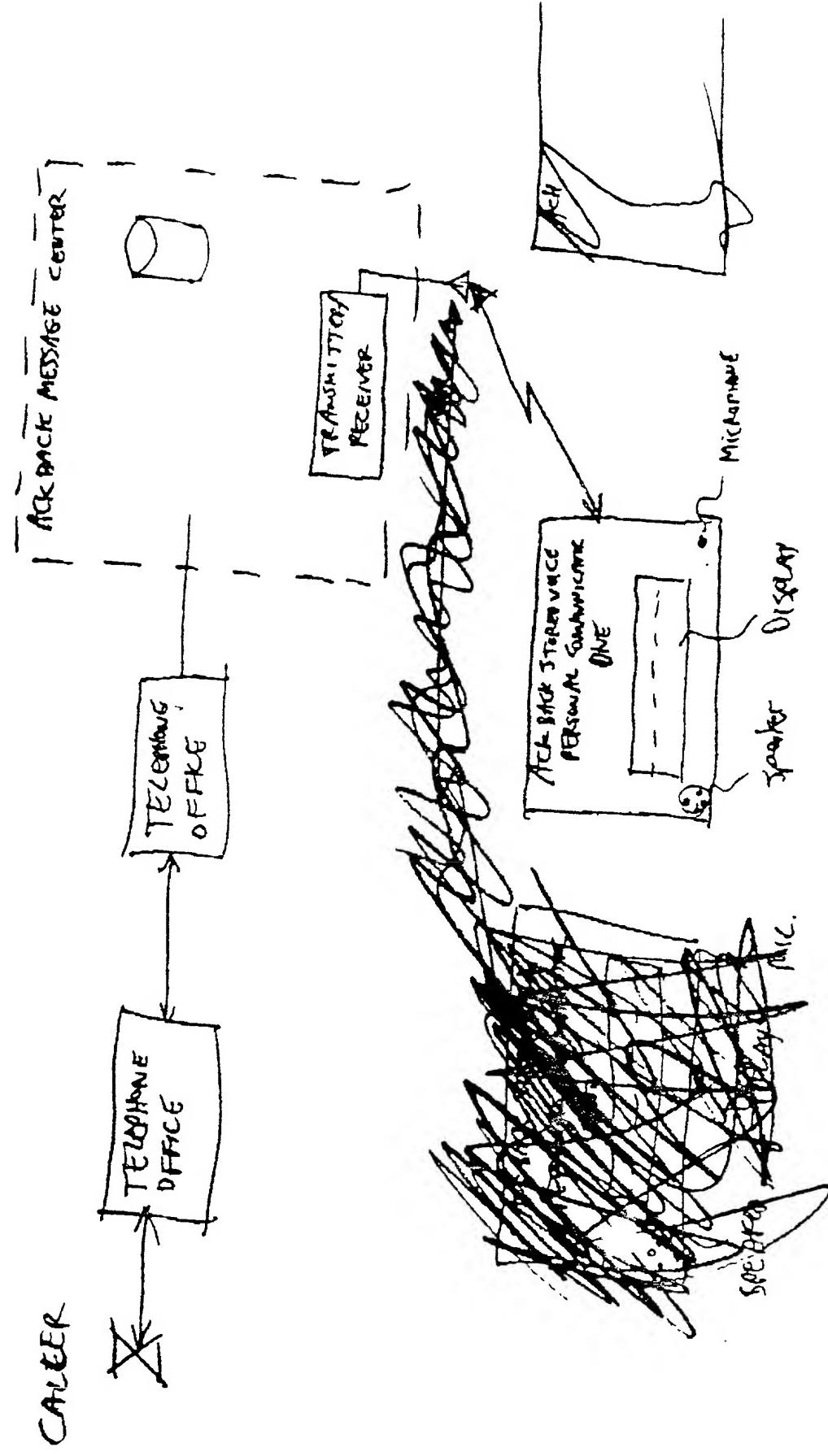
21

Fig. 4a



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Fig. 9b



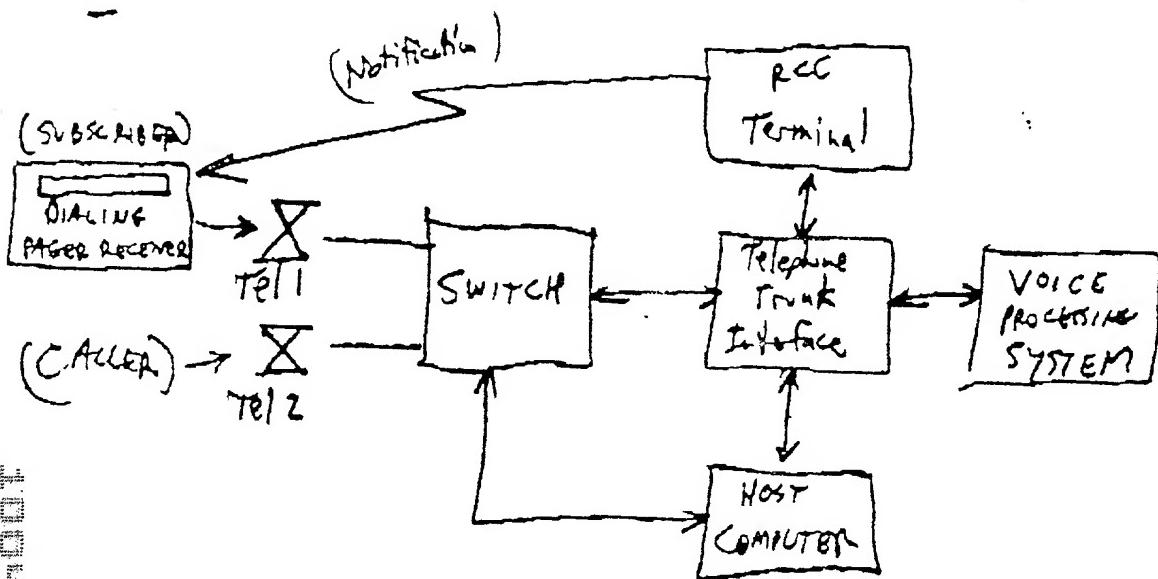
08/22/2024

INNOVAD COMPANY

09/29/1955 10:46 141537 9

Pager - ~~Call~~ ?

Enhanced "Meet Me" service communications system
to respond to notifications in the communications system described.



see U.S. 5,208,849 FU
5,151,929 WOLF
5,212,721 DeLuca et al.
4,490,579 Gotschian
4,408,099 Ishii
4,940,963 Gutman et al.

FIG 1D

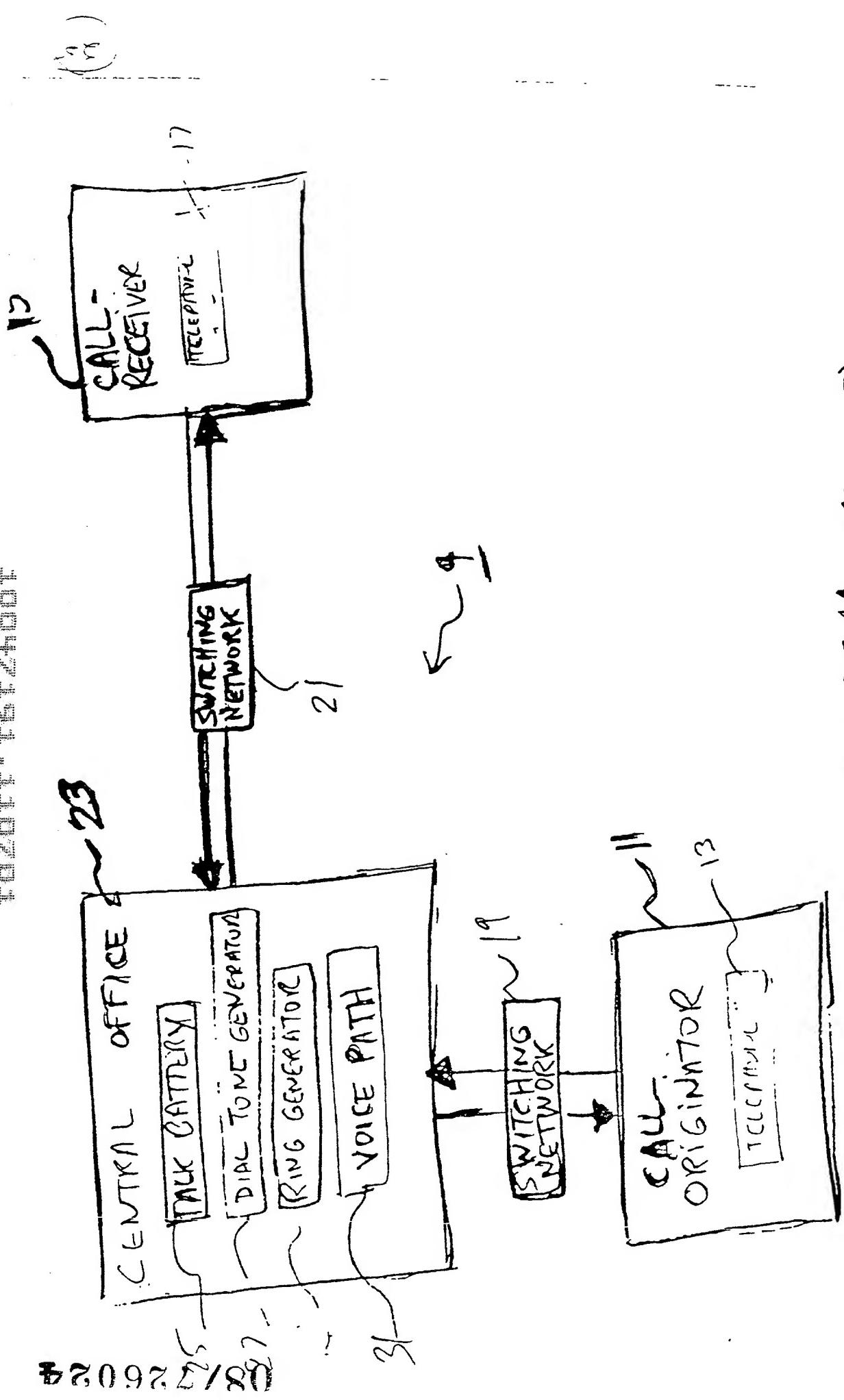
- # for meet-me service is stored for redial ~~or access code~~
- # for access code is stored for redial *

Poss. sample claim: In an enhanced "meet-me" service communications system, a means ~~for~~ upon receipt of a paging signal for selectively displaying either a paging center telephone number for immediate connect with a calling party placed on hold or a means upon receipt of a paging signal for displaying data representing the location of a calling party for ~~the~~ establishing communication after the calling party is no longer on hold.

A means as is above to convert said stored paging code telephone number, ~~or~~ access code and calling party location data into DTMF signals to ~~establish~~ establish a telephone connection between the calling and the called party.

2-1

FIGURE 11 (PRIOR ART)



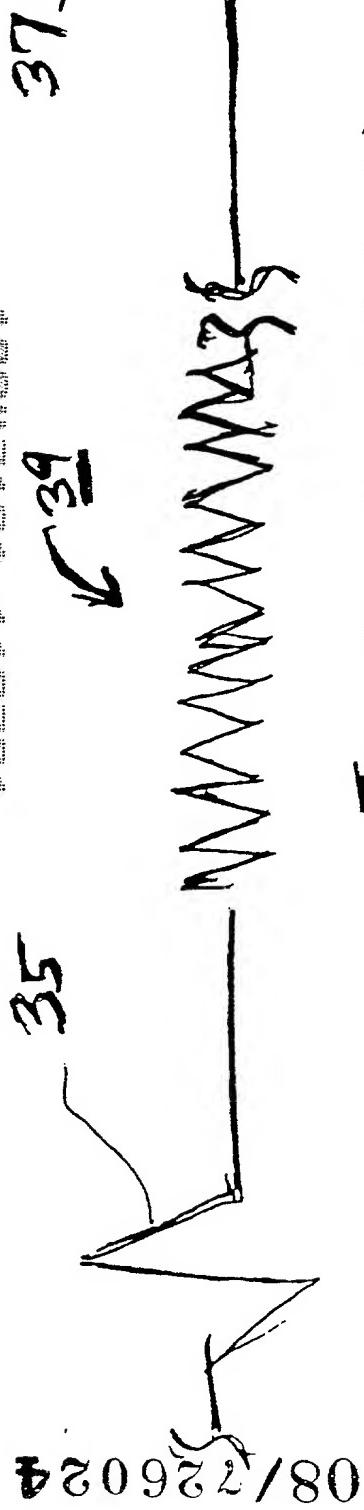


FIGURE 12 a (PRIOR NET)

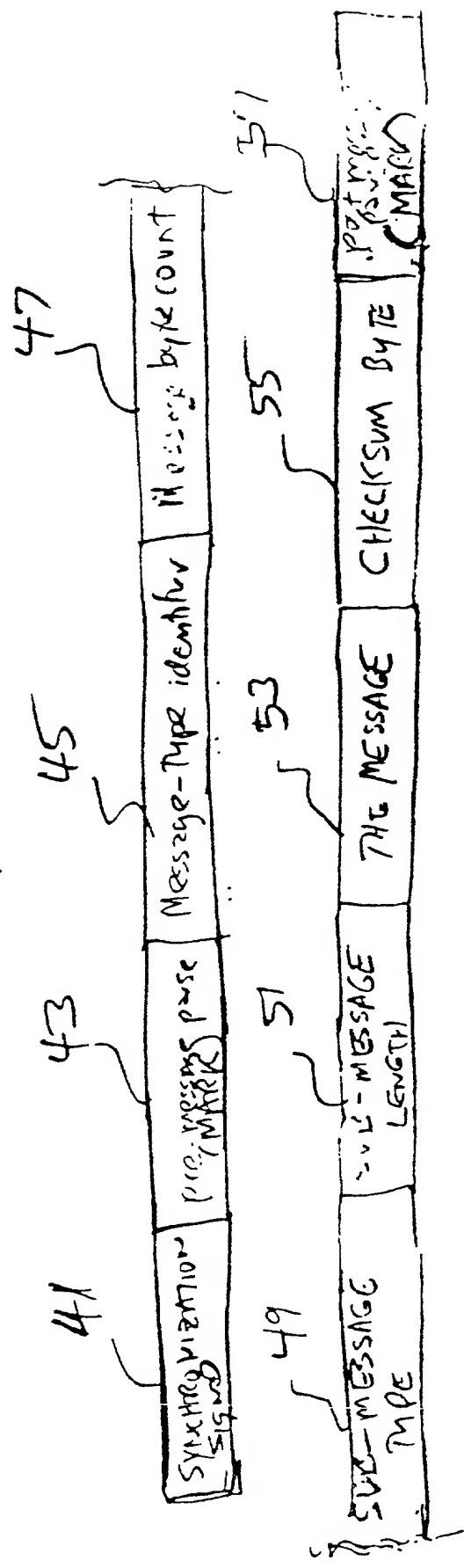


FIGURE 12 b (PRIOR NET)

18

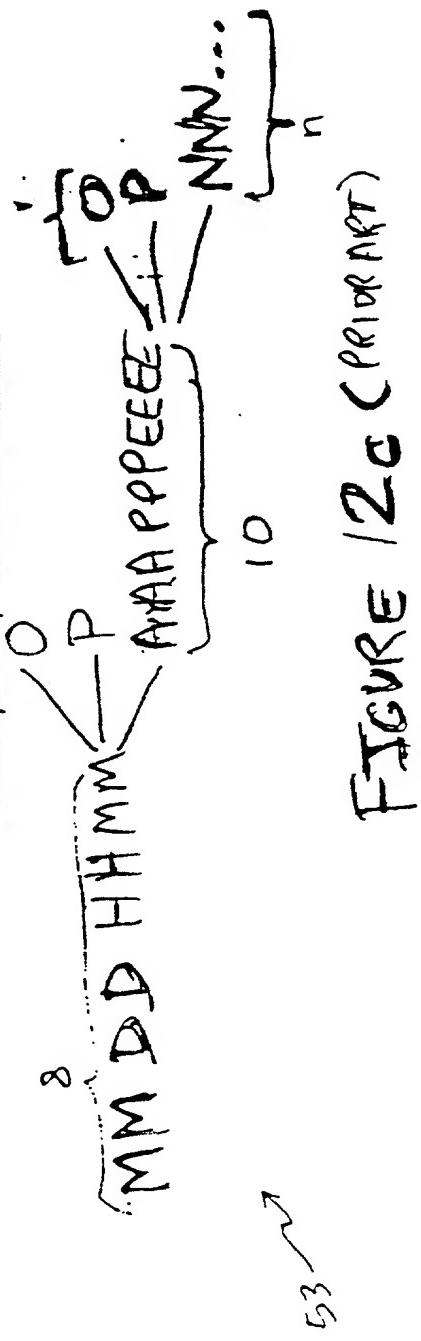
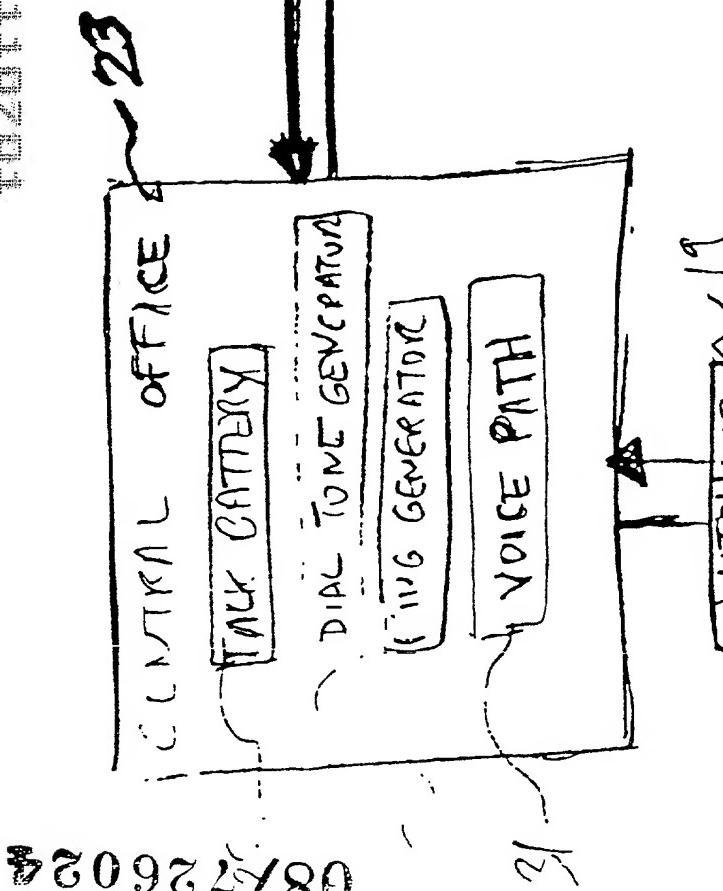


FIGURE 12C (prior net)



15

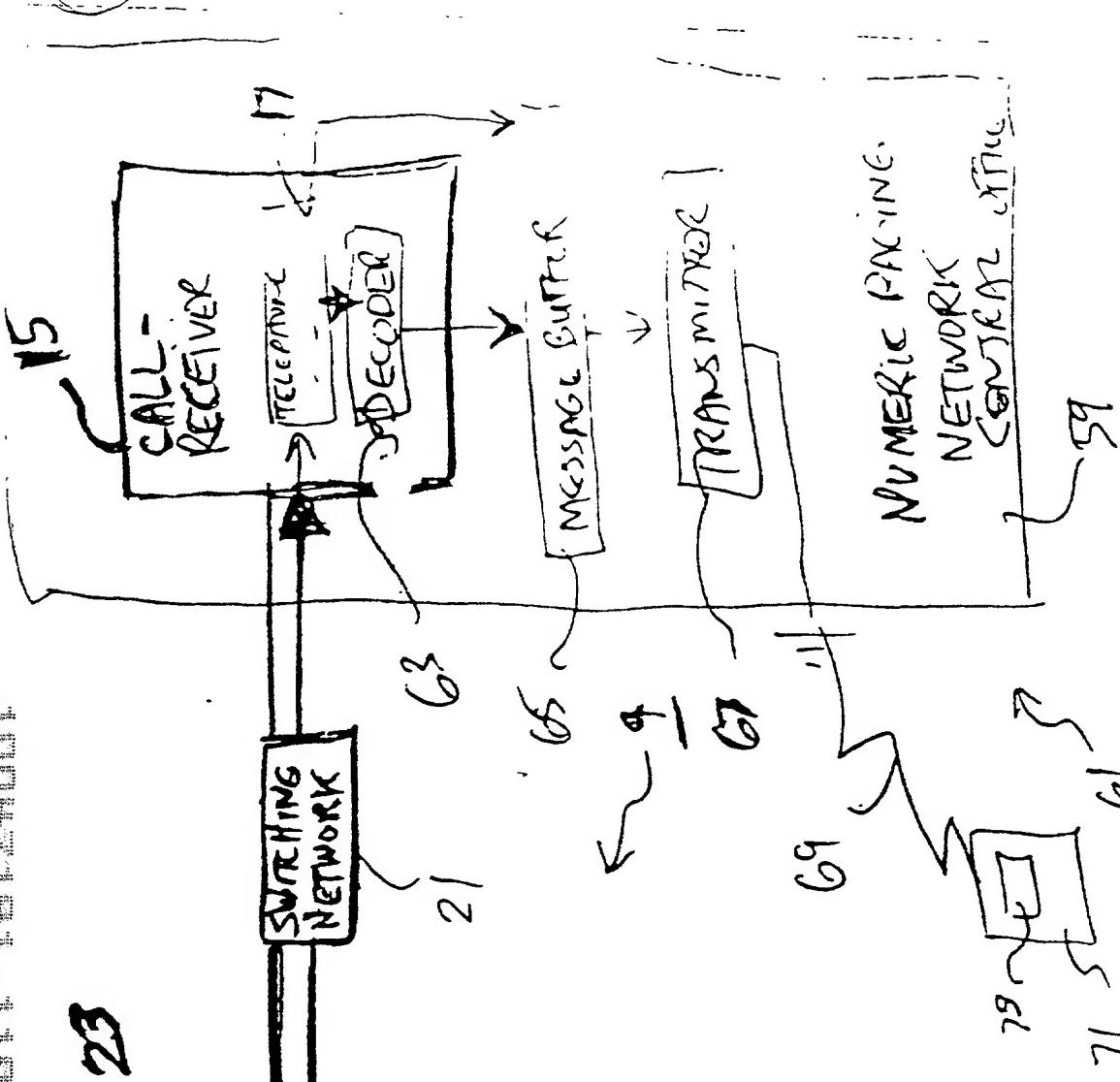
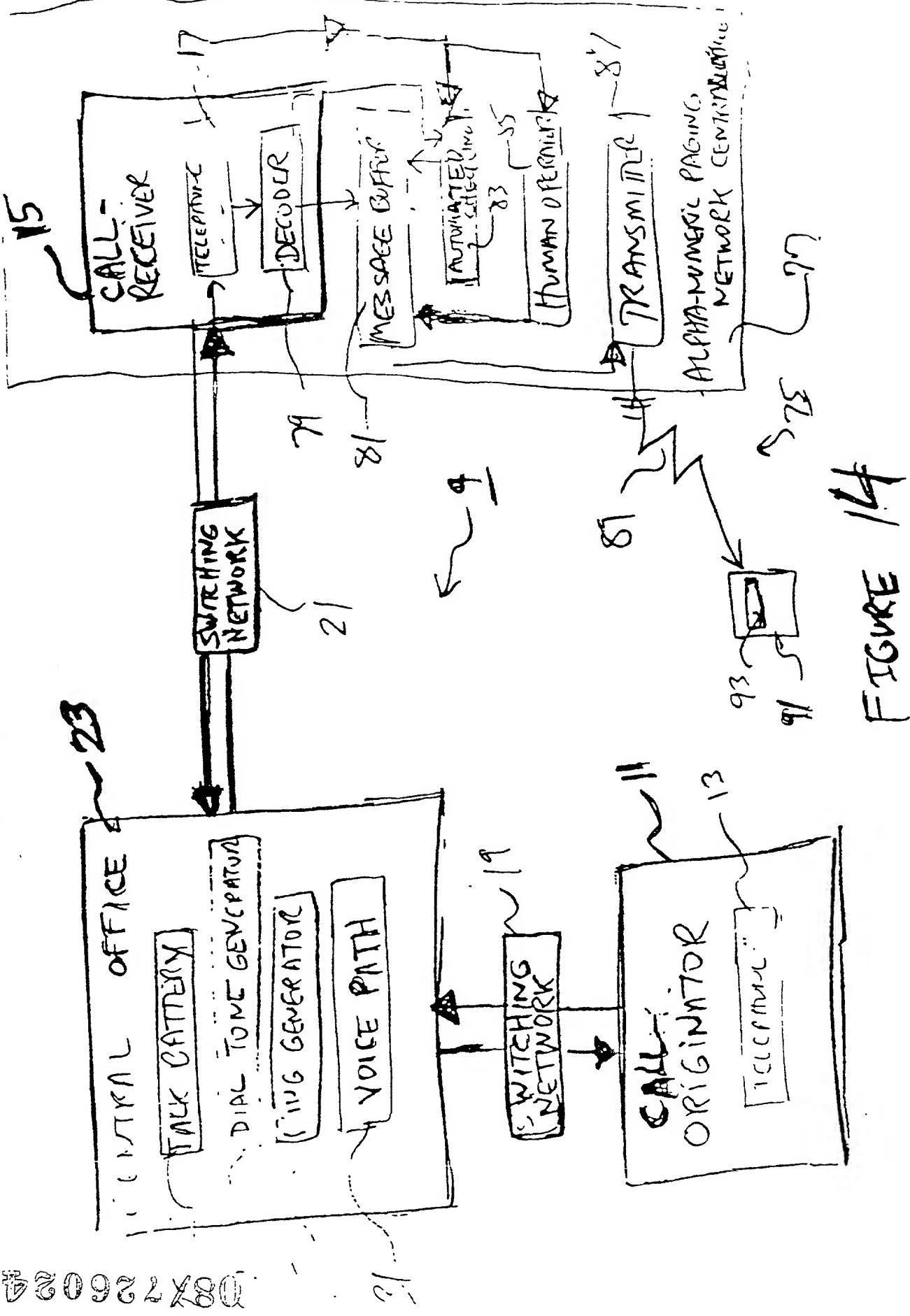


FIGURE 1.3



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MESSAGE CODE NO.	TEXTUAL MESSAGE RECEIVED
*1	CALL WHEN YOU RETURN
*2	VOICE MAIL RECEIVED
*3	FAX MAIL RECEIVED
*4	ELECTRONIC MAIL RECEIVED
*5	IMAGE DATA RECEIVED
*6	OTHER DATA RECEIVED
*911	CALL IMMEDIATELY
:	
:	
:	

figure 15

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	CALLER LOCATION / DATA	CALLER IDENTIFICATION - DATA - (DTMF entry by Caller)	CALLER MESSAGE CODE (DTMF entry)
1	MNNNN-- Call ID: Data from Tel. Co.	ABC--	NN
2	NNN P--	DEF--	MM
3	XXX	LAN	ZI
4	KKKK	WXY	02
50			

figure 16

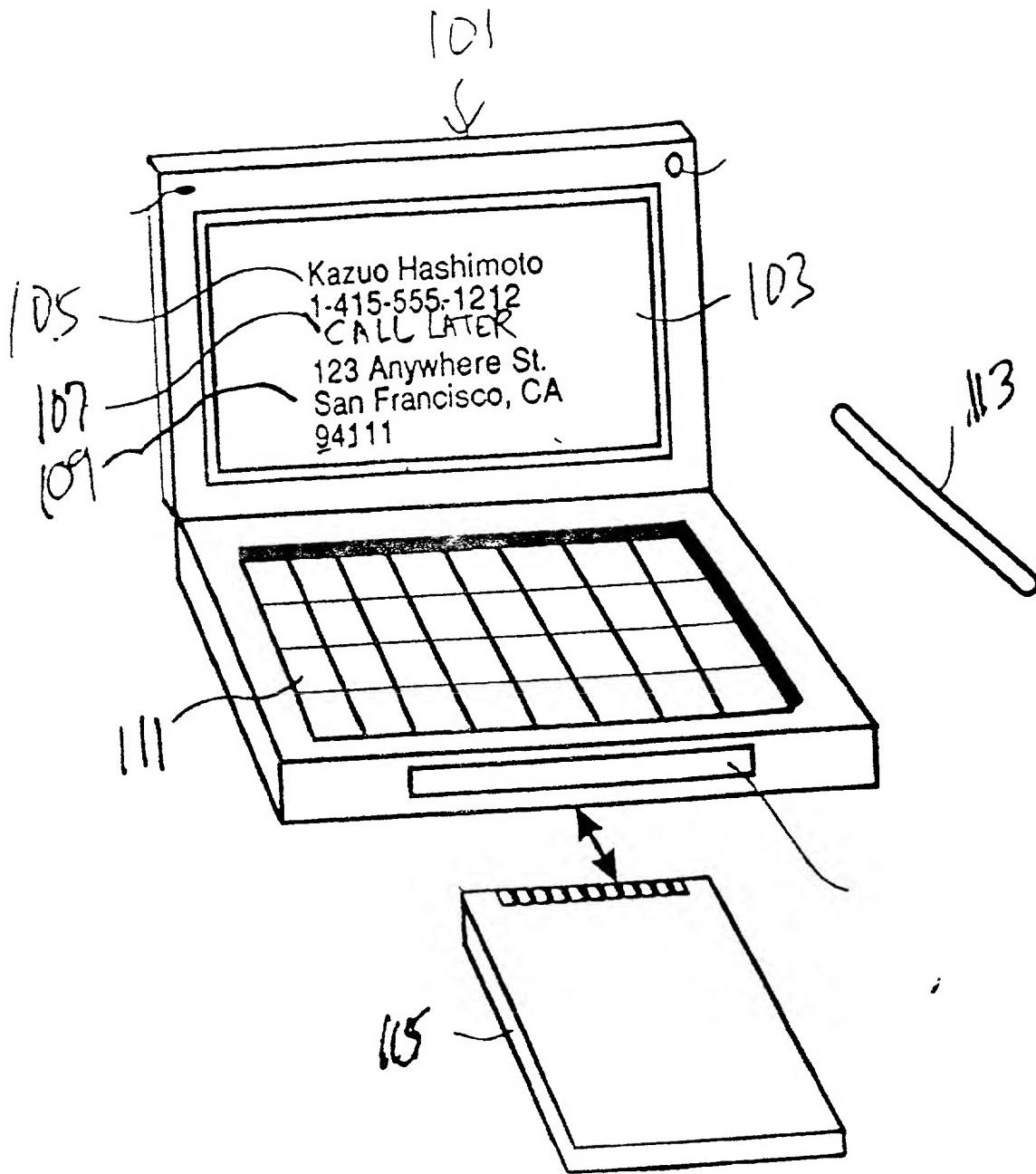


FIGURE 17

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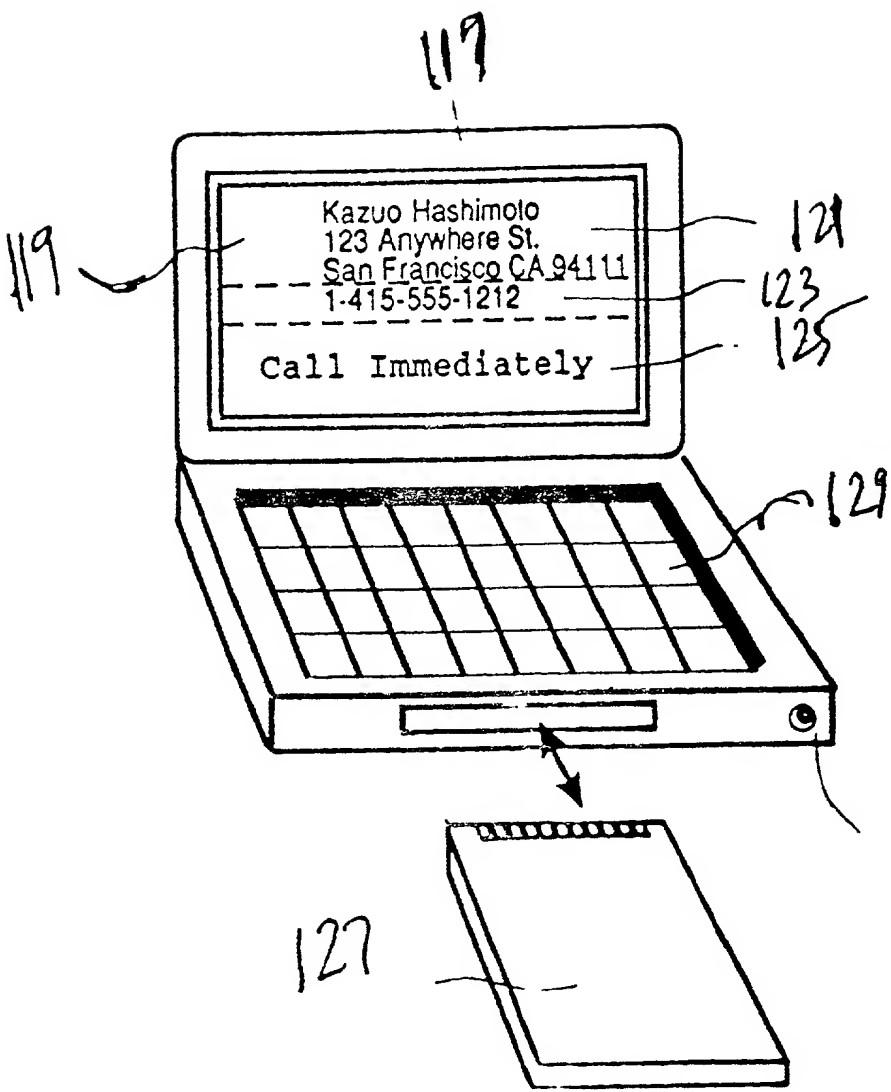


FIGURE-18

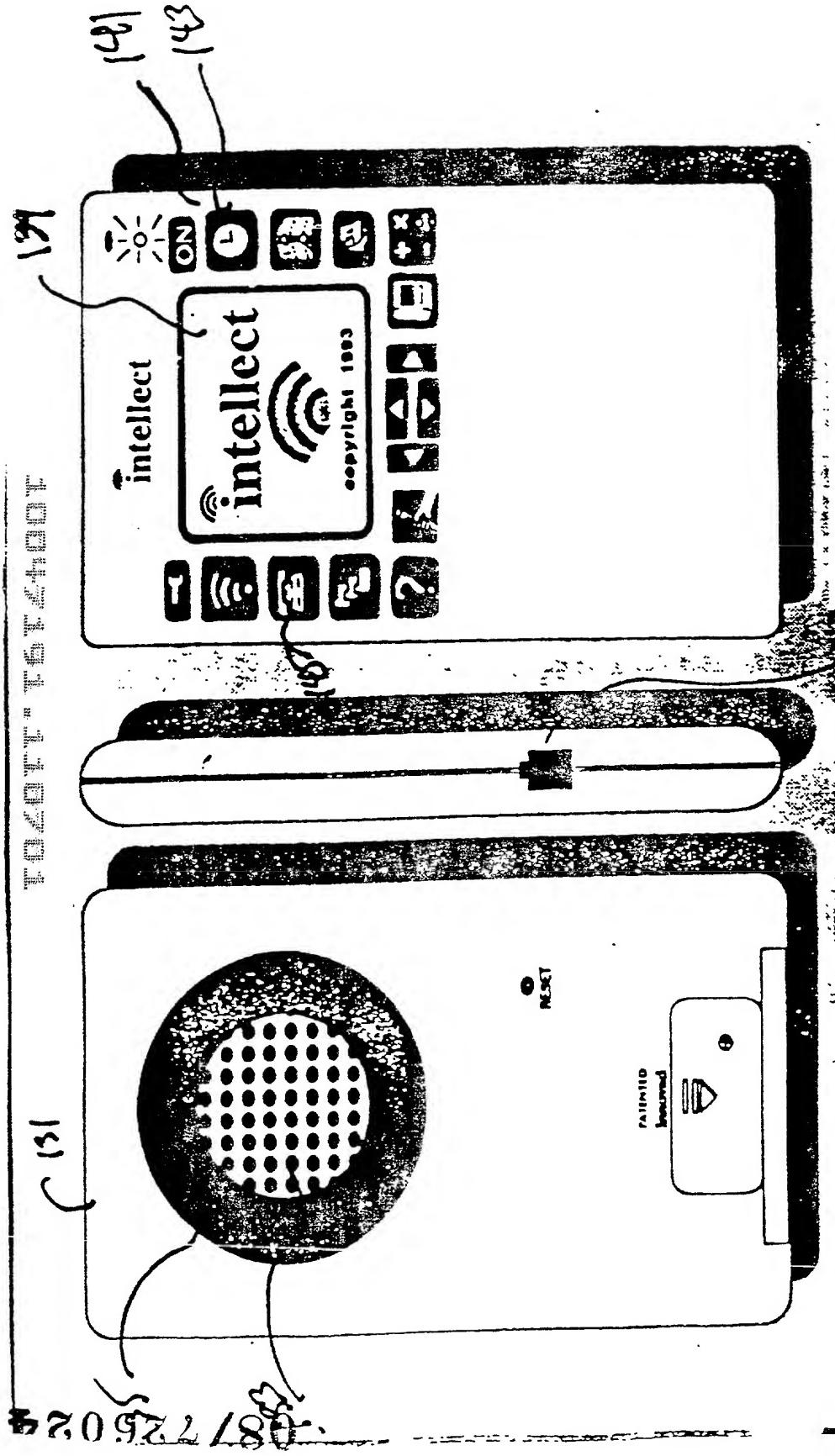
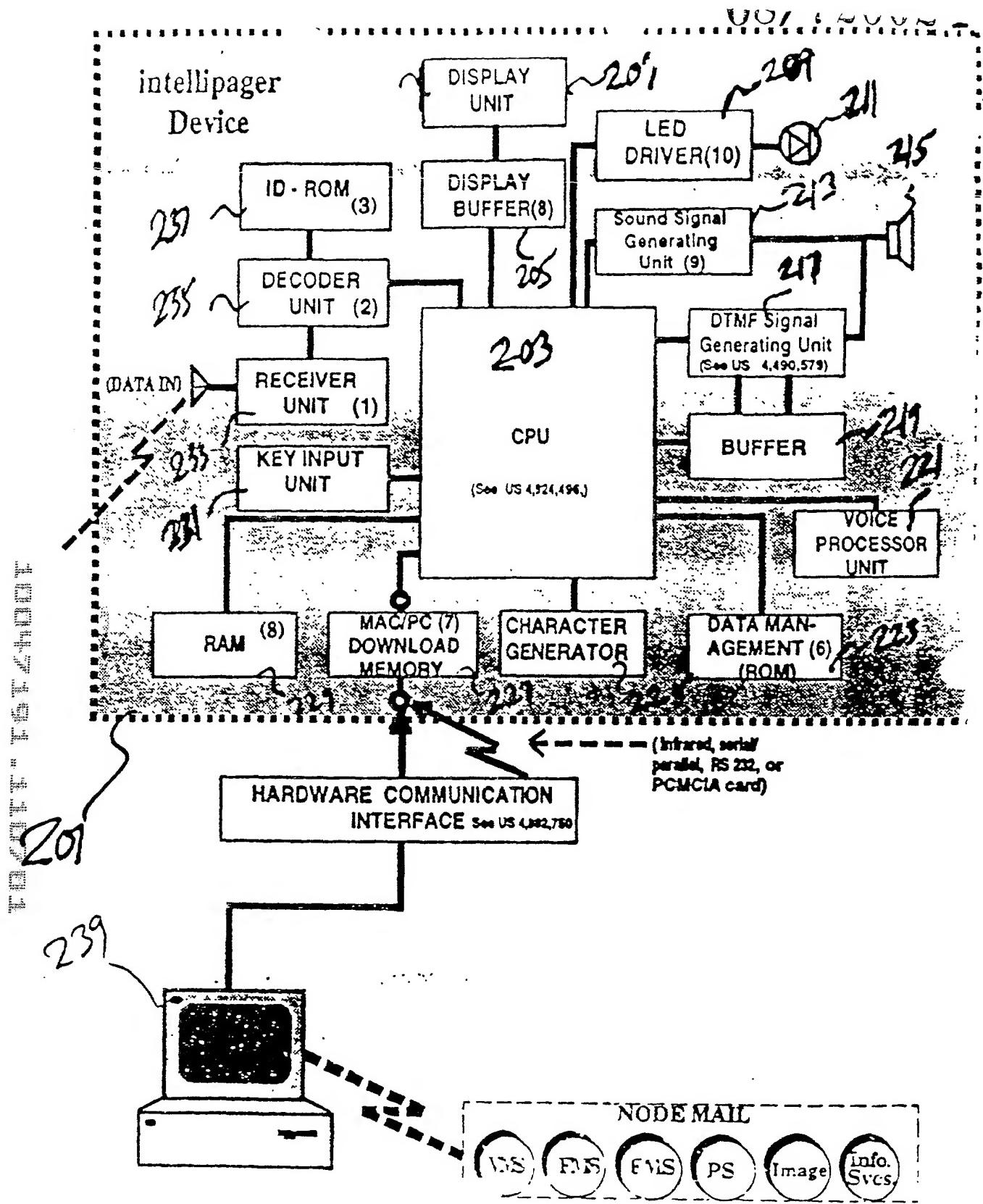


Figure 9c

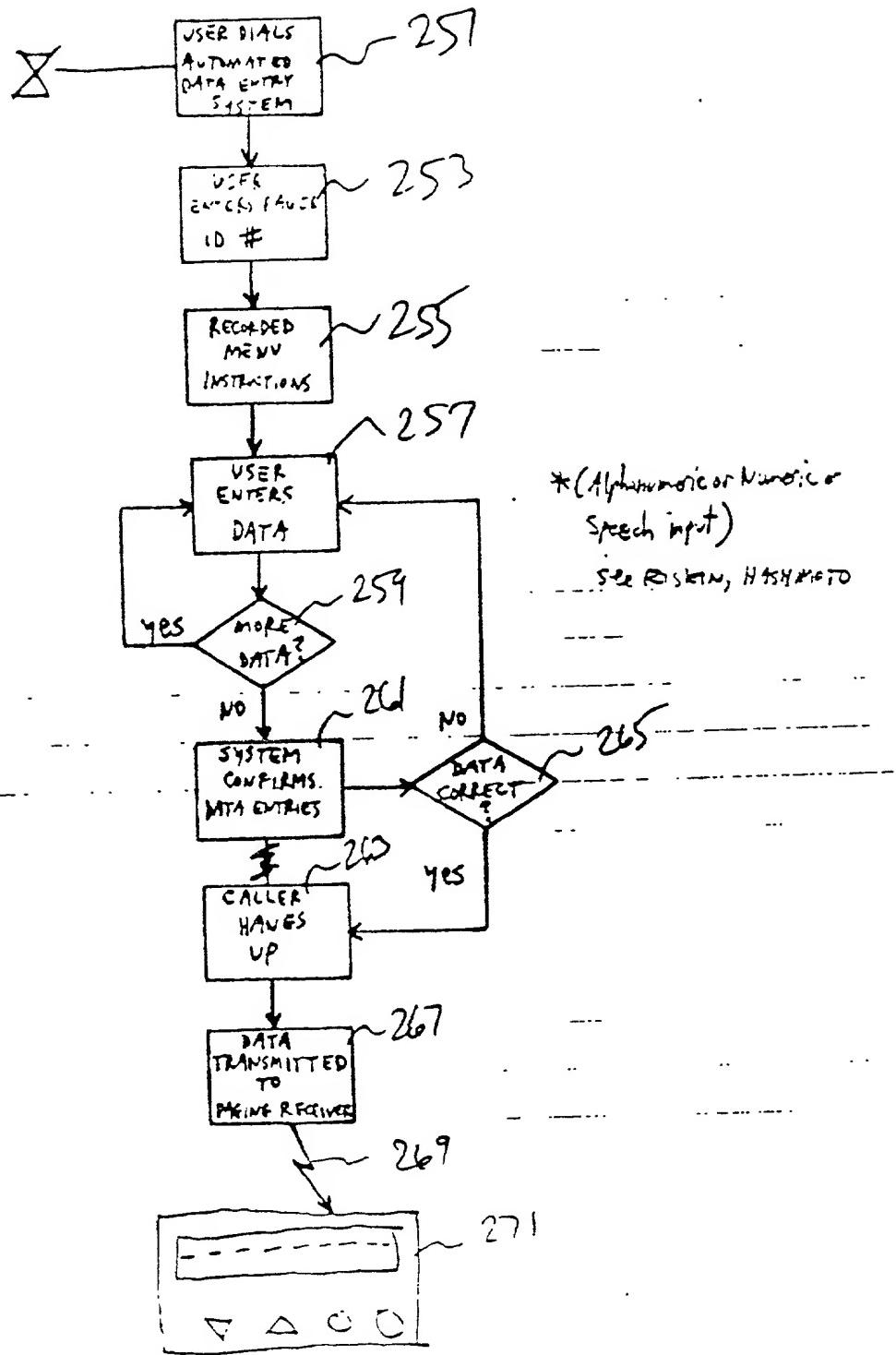
Figure 9b (47)

Figure 9a



FIGURES

OS/728024



A. - 11. 190-12. 190

$$= -2$$

21
10

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FIGURE #2

37

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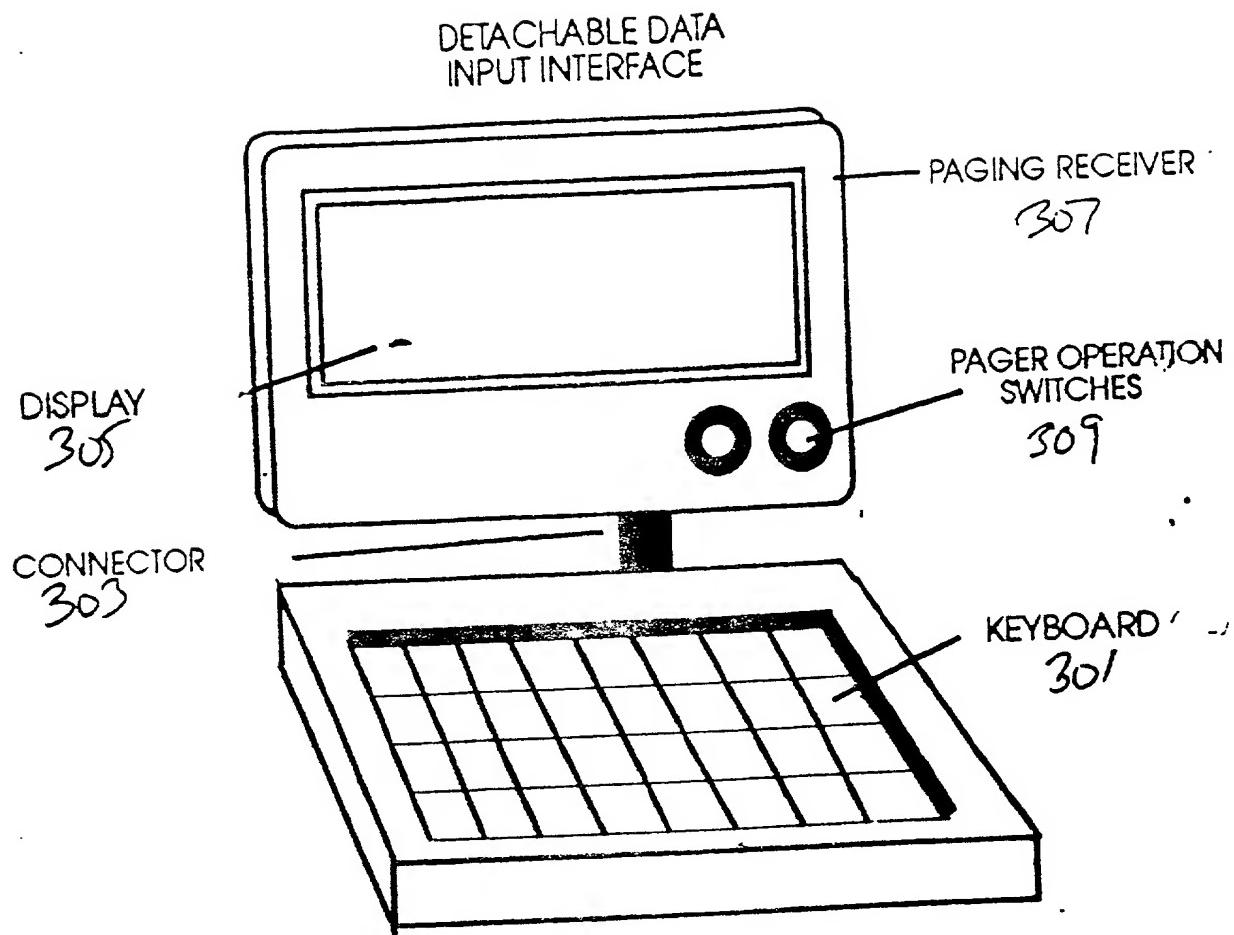


FIGURE 23

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INTEGRATED DATA
INPUT INTERFACE

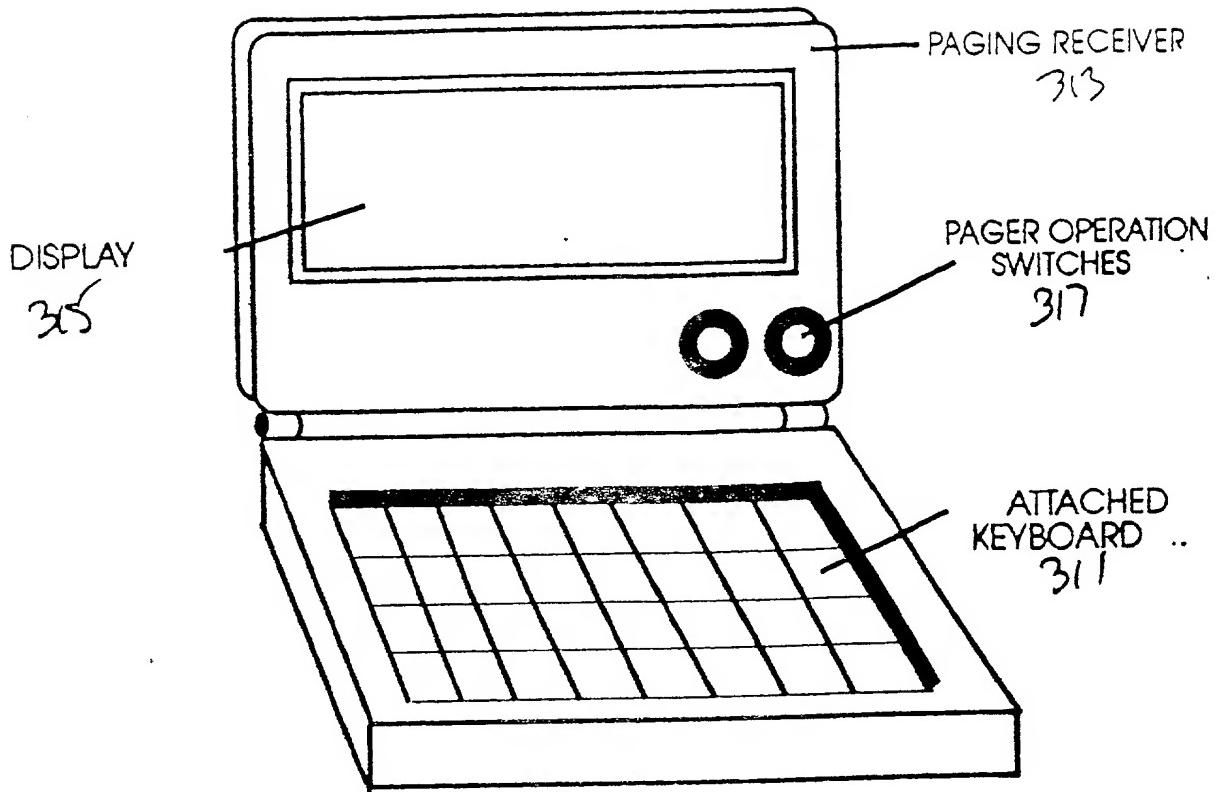
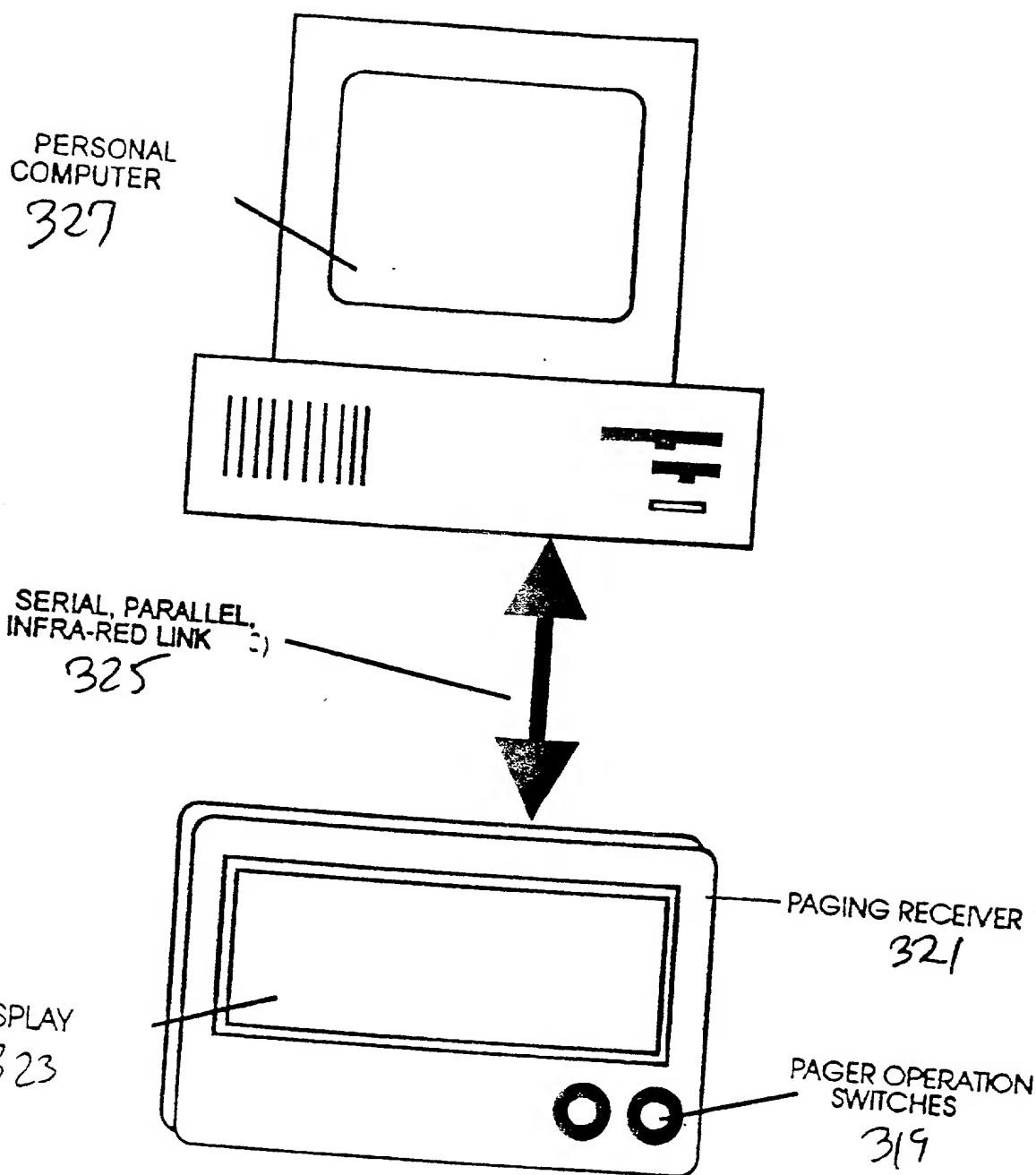


FIGURE 24

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COMPUTER DOWNLOAD
DATA INPUT INTERFACE



FIGVR-25

(40)

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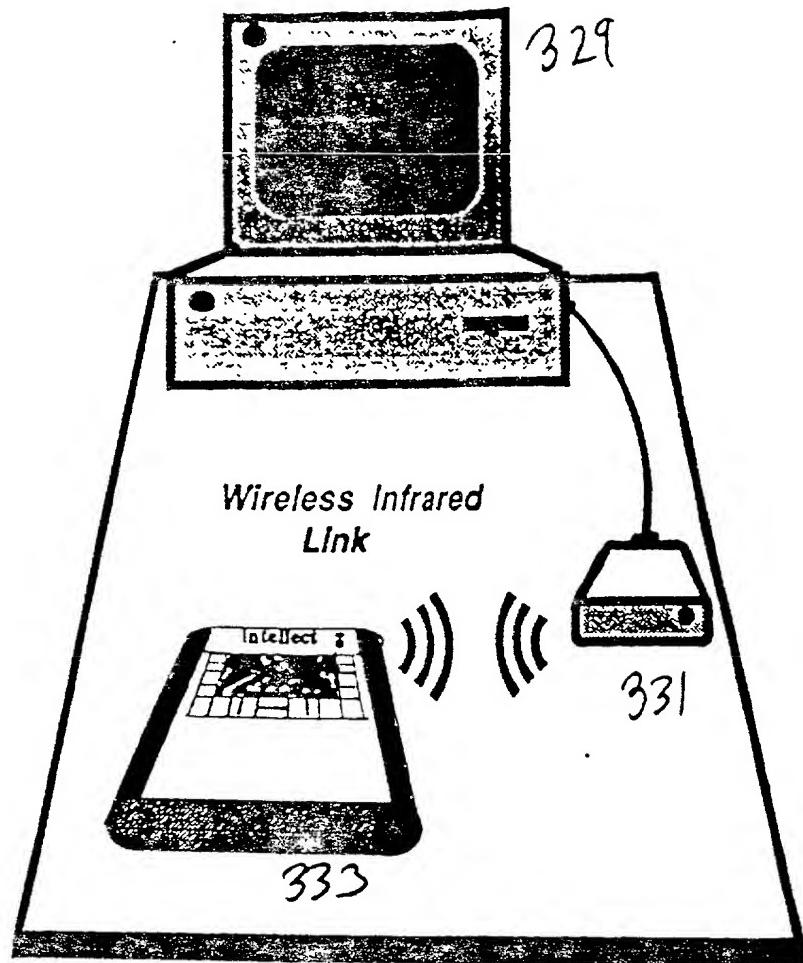
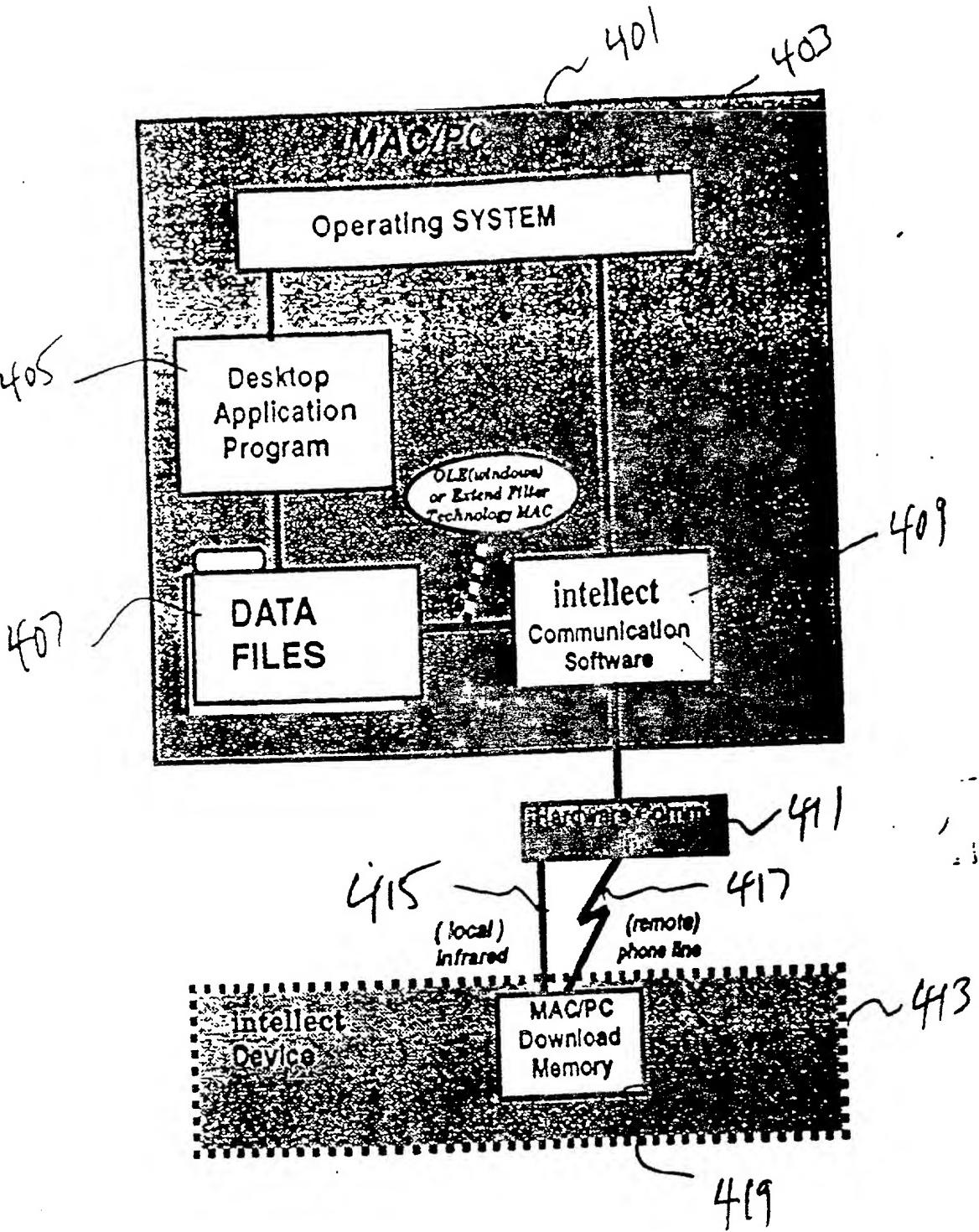


Figure 26
intellect local data link

FIGURE 26

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intellect Software Architecture

FIGURE 97

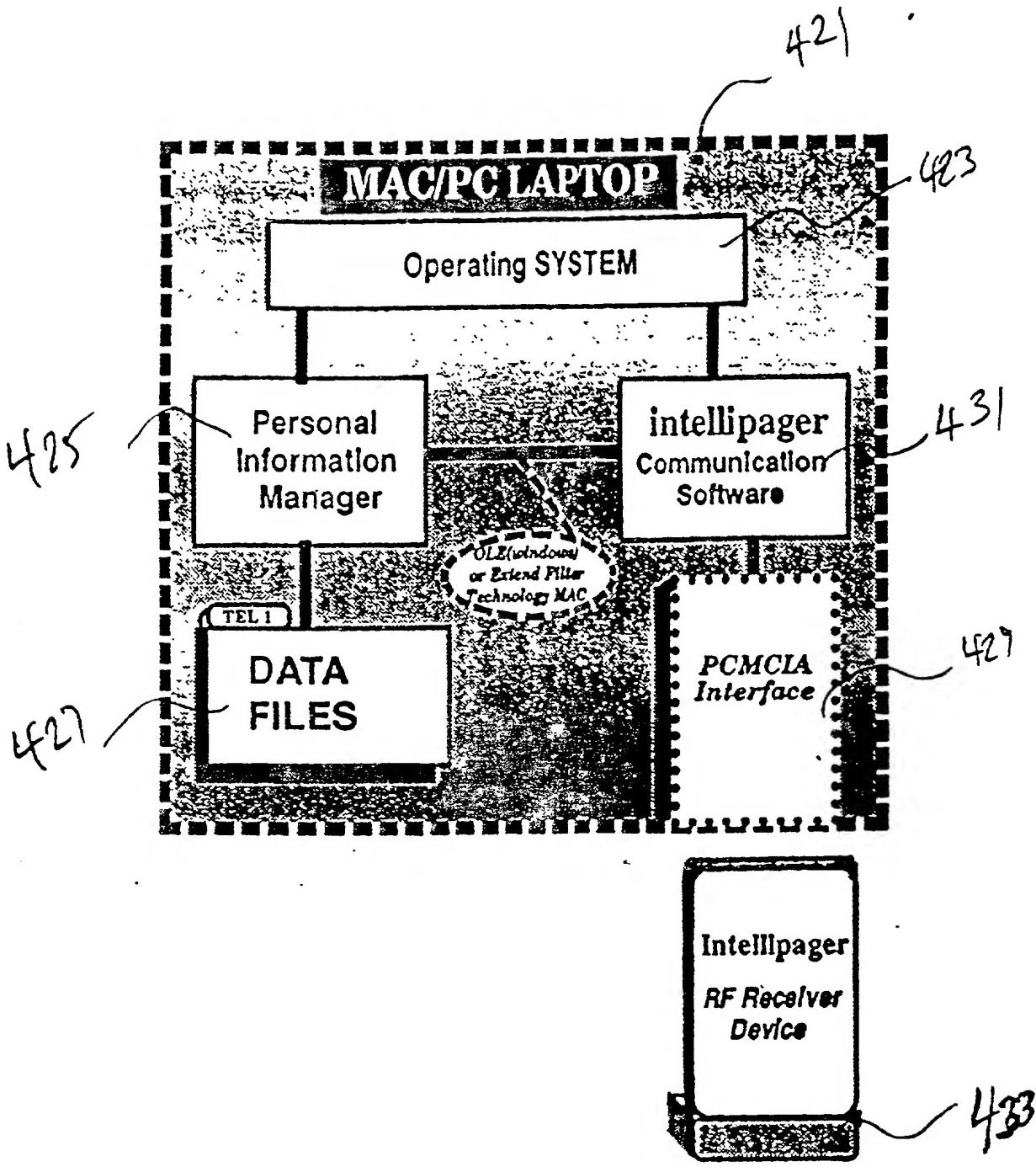


FIGURE 28

intellipager LAPTOP INTERFACE

08/726024

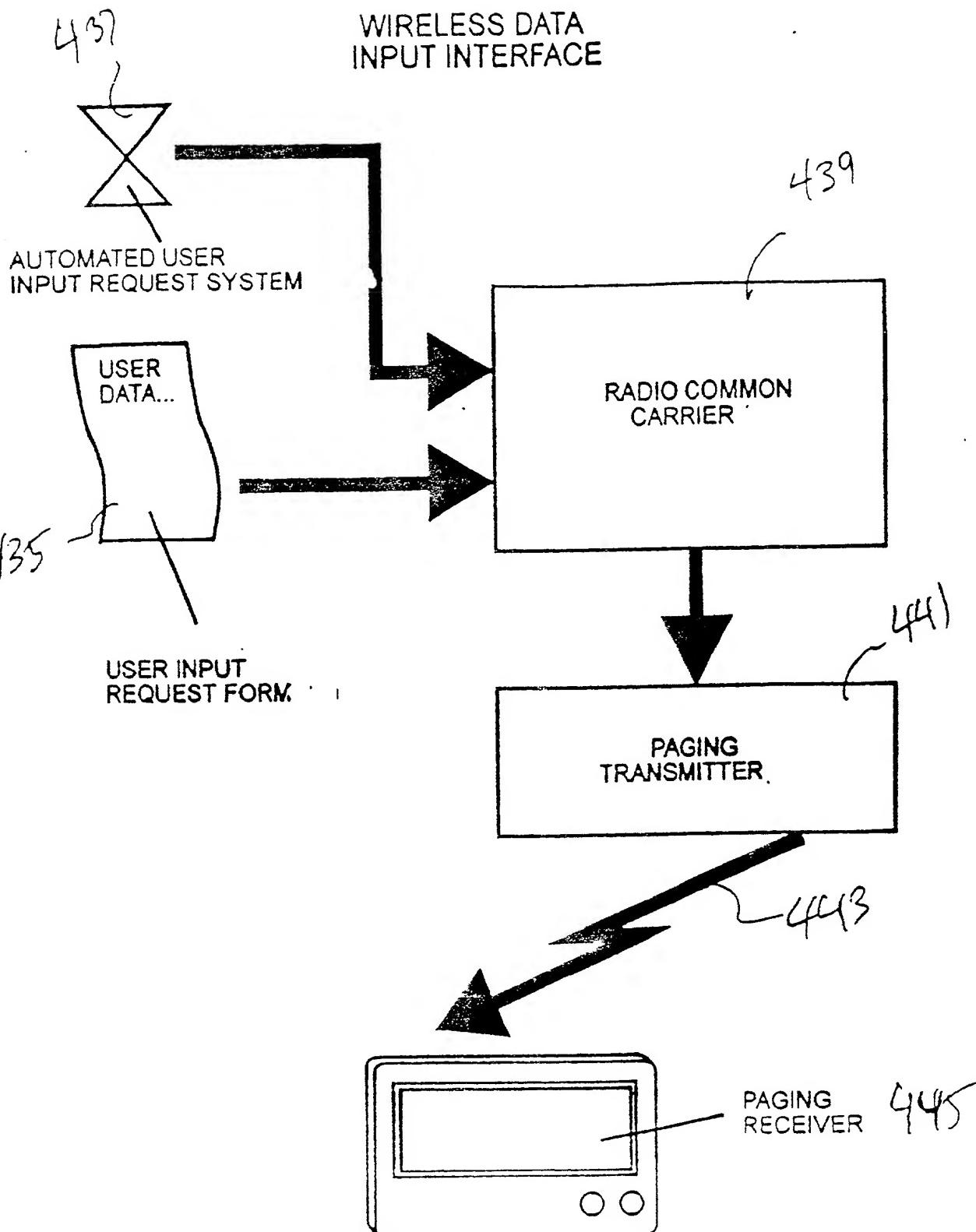
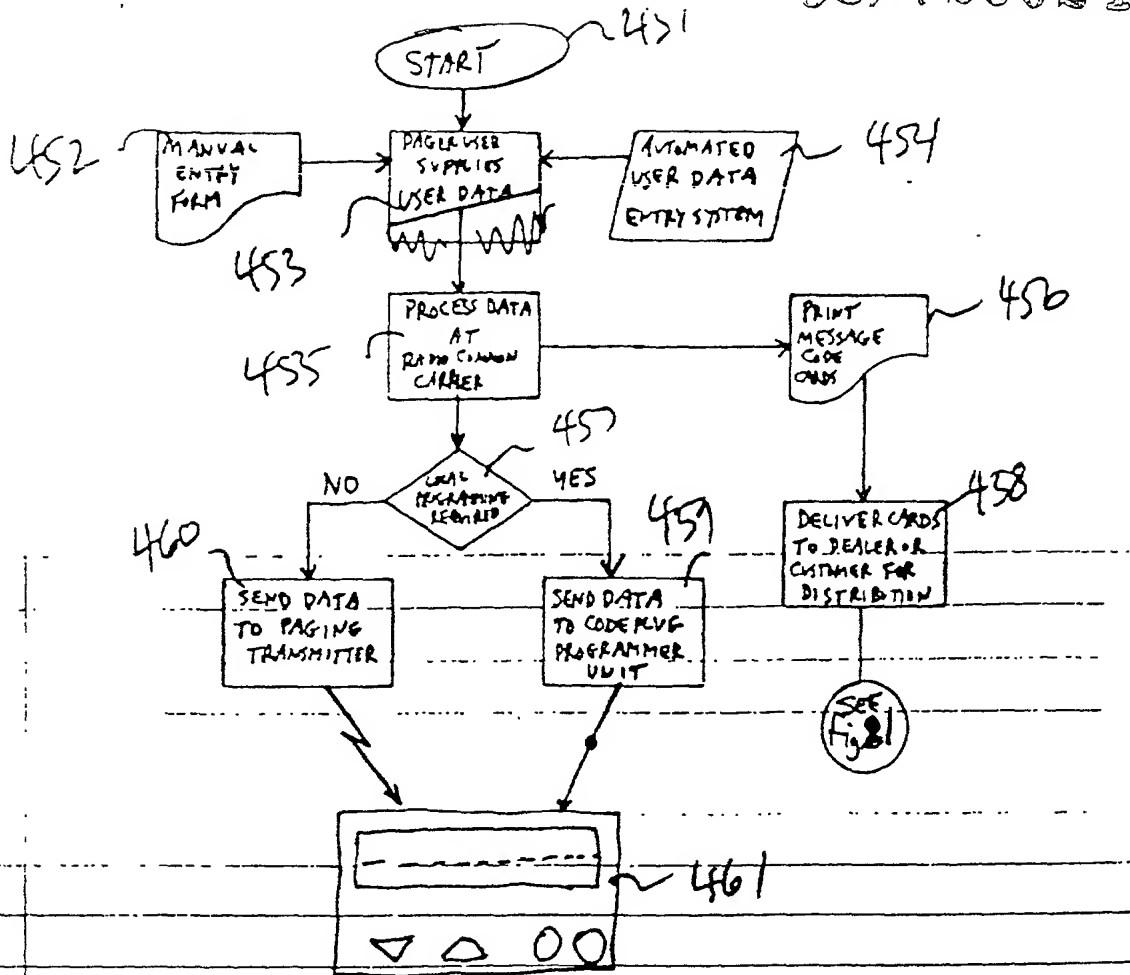


FIGURE 19

100

08/726024



Message Code and Other User Data Input Process

FIGURE 30

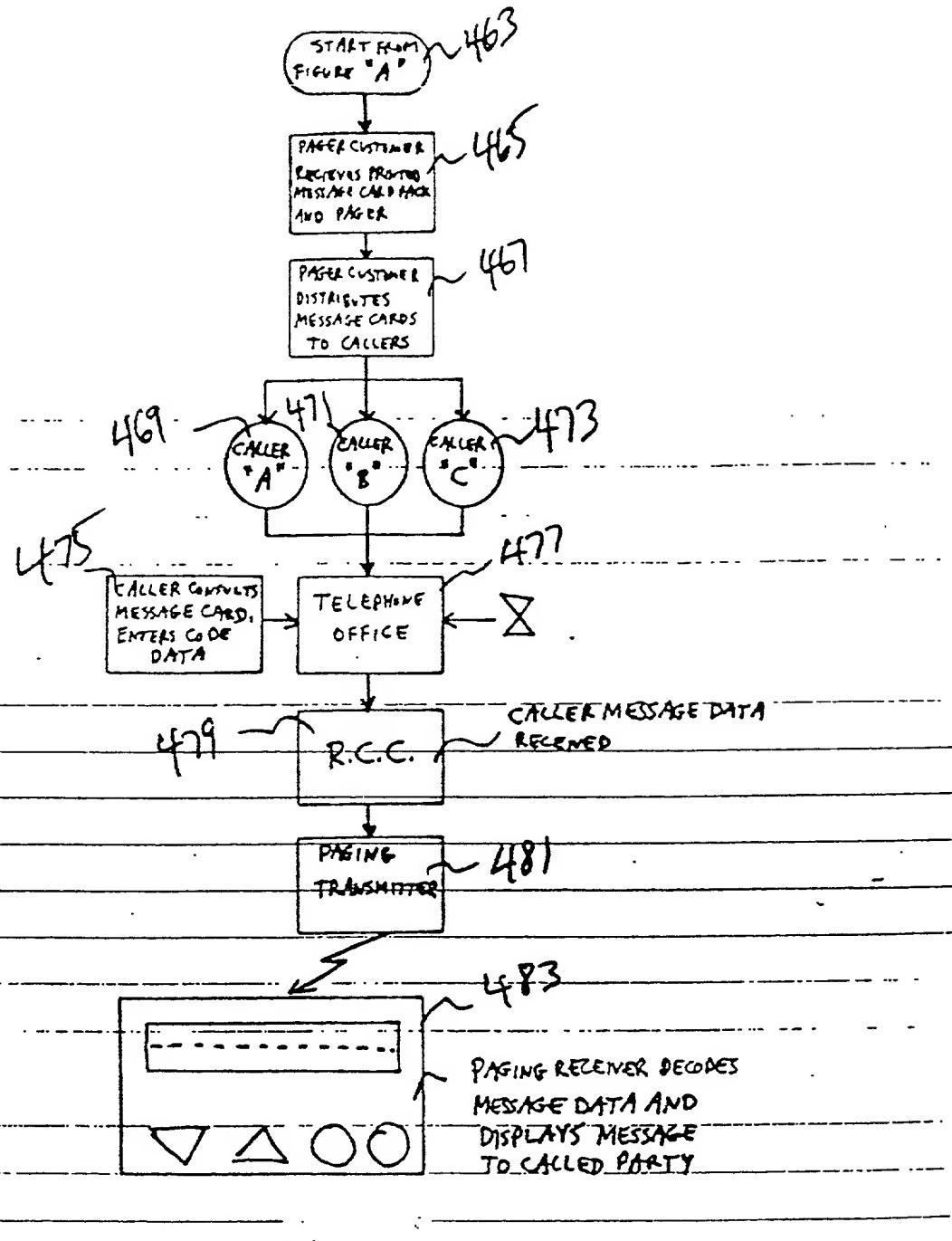


FIGURE 31